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RHODES  
POCKET DOSE BOOK

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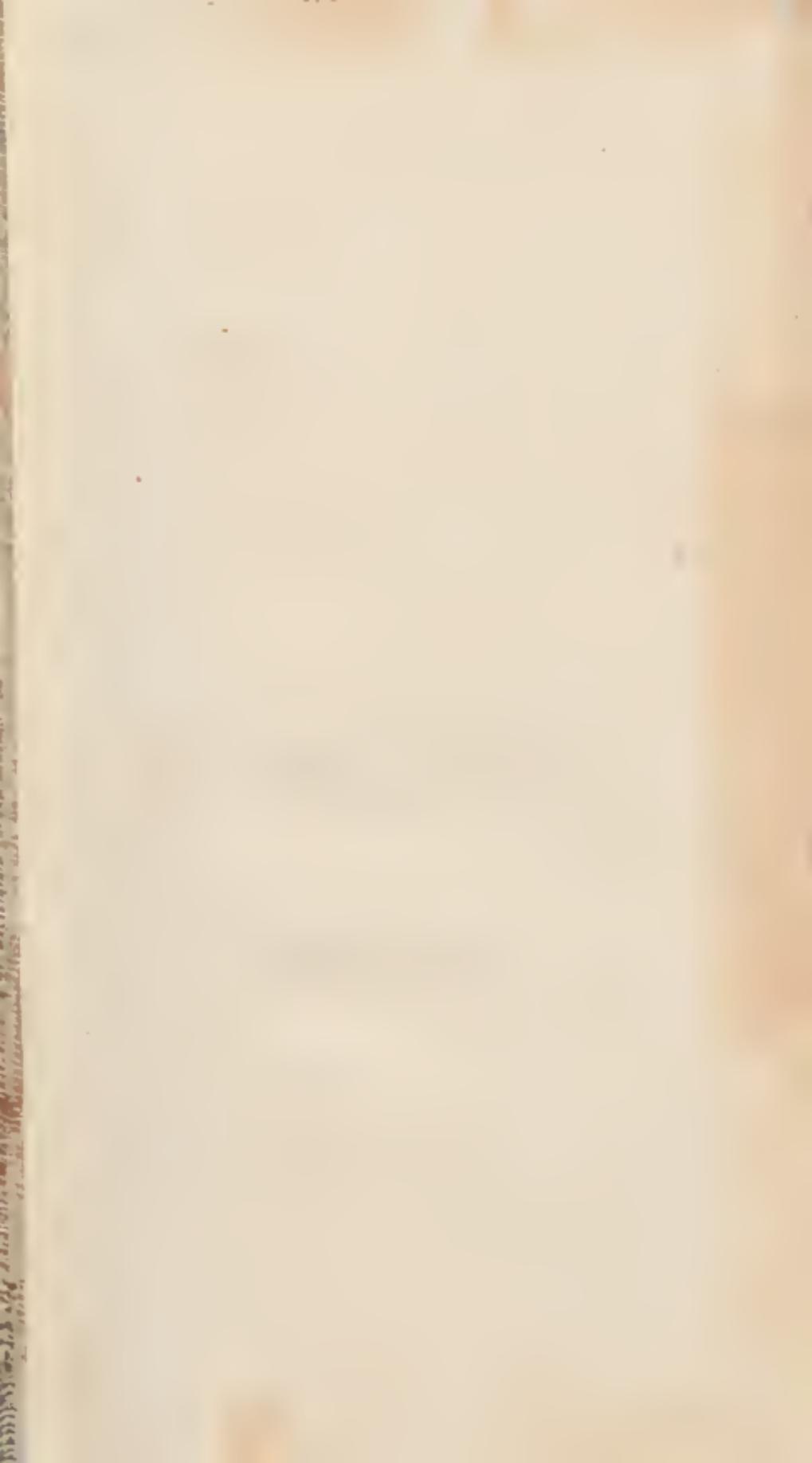
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# POCKET DOSE BOOK

COMPILED BY

JOHN EDWIN RHODES, A. M., M. D.,

PROFESSOR OF PHYSICAL DIAGNOSIS AND CLINICAL  
MEDICINE, NORTHWESTERN UNIVERSITY WOMAN'S  
MEDICAL SCHOOL. LECTURER ON DISEASES  
OF THE CHEST, RUSH MEDICAL COLLEGE.



CHICAGO, ILL.  
SHARP & SMITH,  
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## PREFACE.

~~Editor No. 301, 201~~

In this book the doses are given in both the apothecaries' weights and measures and in metric terms. The rules are so simplified that the use of the metric system becomes easy. The dose table has been made as complete as possible, and contains most of the new remedies of established value. The book is published in compact form so that it may be carried in the vest pocket, and it will be of value for ready reference.

J. E. R.

34 Washington St., CHICAGO.

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## THE METRIC SYSTEM IN PRESCRIPTIONS.

Table for converting apothecaries' weights and measures to metric weights and measures.

| APOTHECARIES'                    | METRIC                |
|----------------------------------|-----------------------|
| WEIGHTS AND MEASURES.            | WEIGHTS AND MEASURES. |
| Mi or Gr. i.....                 | equals.....           |
| Mi or Gr. i.....                 | 06 Gms.               |
| F <i>ʒ</i> i or <i>ʒ</i> i ..... | " ..... 400 "         |
| F <i>ʒ</i> i or <i>ʒ</i> i ..... | 3200 "                |

Using the decimal line instead of point will prevent errors.

100 Gms. or C. C. of water equal 20 teaspoonfuls or 4 tablespoonfuls.

The Gram and the Cubic Centimeter, when referring to liquids, may be considered as equal quantities, unless the liquid be very heavy or very light.

In writing prescriptions it is sufficiently accurate to consider 1 gram as exactly equal to 15 grains, and to consider 1 cubic centimeter as equal to 15 minims.

The average drop of water equals 0.05 c. c., or 0.05 gms. An average teaspoon holds 5 c. c., and an average tablespoon 20 c. c.

It is safe to prescribe 30 gms. for a troy ounce, and 250 c. c. for 8 fluid ounces.

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### METRIC MEASURES OF LENGTH.

|                    |                    |                 |
|--------------------|--------------------|-----------------|
| Millimeter.....    | 0.001 of a Meter.. | 0.03937 in.     |
| Centimeter .....   | 0.01 of a Meter..  | 0.39370 in.     |
| Decimeter .....    | 0.1 of a Meter..   | 3.93707 in.     |
| <b>Meter</b> ..... | <b>Meter</b> ..... | 39.37079 in.    |
| Decameter .....    | 10. Meter.....     | 393.70790 in.   |
| Hectometer .....   | 100. Meter.....    | 3937.07900 in.  |
| Kilometer.....     | 1000. Meter.....   | 39370.79000 in. |

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### METRICAL WEIGHTS.

|                   |                     |               |
|-------------------|---------------------|---------------|
| Milligram .....   | 0.001 of a Gram.... | 0.015 gr.     |
| Centigram .....   | 0.01 of a Gram....  | 0.154 gr.     |
| Decigram .....    | 0.1 of a Gram....   | 1.543 gr.     |
| <b>Gram</b> ..... | <b>Gram</b> .....   | 15.432 gr.    |
| Decagram.....     | 10. Grams .....     | 154.323 gr.   |
| Hectogram.....    | 100. Grams .....    | 1543.234 gr.  |
| Kilogram .....    | 1000. Grams .....   | 15432.348 gr. |

The United States "nickle" piece weighs 5 grams, and is 2 centimeters in diameter.

## TABLE OF EQUIVALENTS FOR RAPID REFERENCE.

| MILLIGRAMS.            | GRAINS.         | DECIGRAMS.          | GRAINS.         |
|------------------------|-----------------|---------------------|-----------------|
| 1 (0.001 or .001)..... | $\frac{1}{65}$  | 1 (0.1 or 1 ).....  | $1\frac{1}{2}$  |
| 2.....                 | $\frac{1}{32}$  | 2.....              | 3               |
| 3.....                 | $\frac{1}{24}$  | 3.....              | $4\frac{1}{2}$  |
| 4.....                 | $\frac{1}{16}$  | 4.....              | 6               |
| 5.....                 | $\frac{1}{12}$  | 5.....              | $7\frac{1}{2}$  |
| 6.....                 | $\frac{1}{10}$  | 6.....              | 9               |
| 7.....                 | $\frac{1}{8}$   | 7.....              | 11              |
| 8.....                 | $\frac{1}{6}$   | 8.....              | $12\frac{1}{4}$ |
| 9.....                 | $\frac{1}{5}$   | 9.....              | 14              |
| <br>CENTIGRAMS.        |                 |                     |                 |
| 1 (0.01 or .01) .....  | $\frac{1}{6}$   | GRAMS.              |                 |
| 2.....                 | $\frac{1}{3}$   | 1 (1. or 1  ) ..... | 15              |
| 3.....                 | $\frac{1}{2}$   | 2.....              | 30              |
| 4.....                 | $\frac{7}{12}$  | 3.....              | 46              |
| 5.....                 | $\frac{3}{4}$   | 4.....              | 61              |
| 6.....                 | $\frac{9}{10}$  | 5.....              | 77              |
| 7.....                 | $1\frac{1}{10}$ | 6.....              | 92              |
| 8.....                 | $1\frac{1}{4}$  | 7.....              | 108             |
| 9.....                 | $1\frac{1}{3}$  | 8.....              | 123             |
|                        |                 | 9.....              | 139             |

A Kilogram equals  $2\frac{1}{5}$  pounds avoirdupois.

## APPROXIMATE EQUIVALENTS OF CUBIC CENTIMETER.

|                         |       |                       |
|-------------------------|-------|-----------------------|
| 0.001 C. C. equals..... | ..... | $\frac{1}{65}$ minim. |
| 0.01 C. C. ".....       | ..... | $\frac{1}{6}$ minim.  |
| 0.1 C. C. ".....        | ..... | $1\frac{1}{2}$ minim. |
| 1. C. C. ".....         | ..... | 15 minims.            |
| 4. C. C. ".....         | ..... | 1 fluid drachm.       |
| 16. C. C. ".....        | ..... | 4 fluid drachms.      |
| 32. C. C. ".....        | ..... | 1 ounce.              |

1000 C. C. (a Liter) is a trifle more than 1 quart, wine measure.

## EXAMPLES OF PRESCRIPTIONS.

R · Potassii Bromidi  $\frac{3}{4}$ i  
Syr. Simplicis f  $\frac{5}{8}$ viii  
Misc.

would be written in metric terms as follows:

Potassii Bromidi 32 grams.  
Syr. Simplicis 256 c. c.  
Misc.

By using the decimal line instead of the decimal point the following prescription:

|                                 |                    |
|---------------------------------|--------------------|
| Hydrarg. Chloridi Corrosiv..... | grs. iv            |
| Potassii Iodidi .....           | $\frac{3}{4}$ iss  |
| Syrnpi Sarsapar. Comp.....      | $\frac{3}{4}$ iv   |
| Misturæ Glycyrrhizæ.....        | $\frac{3}{4}$ i    |
| Aqnæ q. s. ad .....             | $\frac{5}{8}$ viii |

would be written in metric terms as follows:

|                               |              |
|-------------------------------|--------------|
| Hydrarg. Chloridi Corrosiv... | 0 25 gms.    |
| Potassii Iodidi.....          | 10 00 gms.   |
| Syrnpi Sarsapar. Comp.....    | 128 00 c. c. |
| Misturæ Glycyrrhizæ.....      | 32 00 c. c.  |
| Aqnæ q. s. ad .....           | 256 00 c. c. |

## **GRADUATED TABLE FOR ADMINISTERING LAUDANUM.**

|                              |                            |
|------------------------------|----------------------------|
| At birth up to 1 month ..... | $\frac{1}{2}$ to 1 minim.  |
| Under 1 year.....            | $\frac{1}{2}$ to 3 minims. |
| 1 to 2 years.....            | 1 to 5 "                   |
| 2 to 5 years .....           | 2 to 8 "                   |
| 5 to 10 years. ....          | 5 to 15 "                  |
| 10 to 15 years. . .          | 10 to 20 "                 |
| At 15 years .....            | 15 to 20 "                 |
| Adult.....                   | 25 to 30 "                 |

It is important that laudanum be of known strength. The tinct. opii of Dr. E. R. Squibb contains upon the label an accurate assay of the contents, exhibiting the exact percentage of morphia.

It should always be remembered that narcotics are not so well borne by children as by adults, and that they are apt to act cumulatively.

# DOSE TABLE.

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The doses given in the following table are for adults. Young's rule should be used for children: Add 12 to the age and divide by the age to get the denominator of a fraction the numerator of which is 1. Thus for a child 4 years old  $\frac{4+12}{4} = 4$ , and the dose is one-fourth that for an adult. Strong narcotics should not be prescribed in more than one-half this proportion; of mild cathartics two or three times this dosage may be employed.

For hypodermatic injection the dose should be one-half that used by the mouth; by rectum five-fourths of the same.

Doses are expressed in both the apothecaries' and metric terms, and while the doses as given in the metric terms are not the exact equivalents of the doses given in the apothecaries' weights and measures, they have been computed by the foregoing rules, and the discrepancies are slight and on the safe side.

| <i>Remedies.</i>        | <i>Apothecaries'<br/>w'ts and meas.</i> | <i>Metric terms.</i> |
|-------------------------|---|----------------------|
| Abstract aconiti .....  | ½ to 1 gr.....                          | 0.03 to 0.06 gm.     |
| belladonnæ .....        | ½ to 1 gr.....                          | 0.03 to 0.06 gm.     |
| cannabis indicæ..       | 1 to 3 gr.....                          | 0.06 to 0.18 gm.     |
| conii .....             | 1 to 2 gr.....                          | 0.06 to 0.12 gm.     |
| digitalis .....         | ½ to 1 gr.....                          | 0.03 to 0.06 gm.     |
| hyoscyami.....          | 2 to 3 gr.....                          | 0.12 to 0.20 gm.     |
| ignatii .....           | ½ to 1½ gr... .                         | 0.03 to 0.09 gm.     |
| jalapæ .....            | 10 to 15 gr....                         | 0.6 to 1 gm.         |
| nucis vomicae.....      | 1 to 2 gr.....                          | 0.06 to 0.12 gm.     |
| podophylli .....        | 5 to 10 gr....                          | 0.30 to 0.60 gm.     |
| phytoloccæ .....        | 5 to 15 gr....                          | 0.30 to 1 gm.        |
| senegæ .....            | 1 to 3 gr.....                          | 0.06 to 0.20 gm.     |
| valerianæ: .....        | 10 to 20 gr....                         | 0.6 to 1.20 gm.      |
| Acid acet. dil.....     | 1 to 2 fl. dr... .                      | 4 to 8 c.c.          |
| arsenios.....           | ½ to 1½ gr. ....                        | 0.001 to 0.005 gm.   |
| benzoic.....            | 5 to 15 gr....                          | 0.30 to 1 gm.        |
| boracic (ext. use)..... |   | saturated solution.  |
| boric .....             | 5 to 10 gr....                          | 0.30 to 0.60 gm.     |
| carbolic.....           | 1 to 3 gr. ....                         | 0.06 to 0.20 gm.     |
| citric.....             | 5 to 30 gr....                          | 0.30 to 2 gm.        |
| camphoric.....          | 30 to 75 gr....                         | 1.80 to 5 gm.        |

# DOSE TABLE.

| <i>Remedies.</i>                   | <i>Apothecaries'<br/>w'ts and meas.</i> | <i>Metric terms.</i>  |
|------------------------------------|---|-----------------------|
| Acid, gallic.....                  | 3 to 15 gr.....                         | 0.20 to 1 gm.         |
| in albuminuria.                    | 10 to 60 gr....                         | 0.60 to 4 gm.         |
| hydriodic .....                    | 15 to 30 gr....                         | 1 to 2 gm.            |
| hydrochlor.....                    | 2 to 8 min....                          | 0.12 to 0.50 c.c.     |
| hydrochlor dil ...                 | 10 to 30 min..                          | 0.60 to 2 c.c.        |
| hydrocyan dil....                  | 2 to 5 min ...                          | 0.12 to 0.30 c.c.     |
| hydrobromic dil..                  | ½ to 2 fl. dr                           | 2 to 8 c.c.           |
| lactic .....                       | 15 to 60 min..                          | 1 to 4 c.c.           |
| nitric .....                       | 5 to 10 min...                          | 0.30 to 0.60 c.c.     |
| nitric dil.....                    | 10 to 30 min..                          | 0.60 to 2 c.c.        |
| nitro hydrochlor                   | 3 to 10 min...                          | 0.20 to 0.60 c.c      |
| dil .....                          | 5 to 20 min...                          | 0.30 to 1.20 c.c.     |
| phos dil.....                      | 10 to 30 min..                          | 0.60 to 2 c.c.        |
| salicylic .....                    | 5 to 15 gr....                          | 0.30 to 1 gm.         |
| sulph. dil .....                   | 5 to 30 min..                           | 0.30 to 2 c.c.        |
| sulph. arom ...                    | 5 to 15 min.                            | 0.30 to 1 c.c.        |
| sulphurous.....                    | 25 to 50 min                            | 1.50 to 3 c.c.        |
| tannic .....                       | 2 to 10 gr.....                         | 0.12 to 0.60 gm.      |
| tartaric .....                     | 10 to 20 gr....                         | 0.60 to 1.20 gm.      |
| Aconitiua (white<br>crystals)..... | ¾ to ⅓ gr..                             | 0.000167 to 0.0003 gm |
| Aconitii fol. ext.....             | ¼ to ½ gr....                           |                       |
| fol. tinct.....                    | 8 to 15 min...                          | 0.50 to 1 c.c.        |
| rad. tinct .....                   | 1 to 5 min...                           | 0.06 to 0.30 c.c.     |
| rad. tr. Flem.....                 | 1 to 3 min....                          | 0.06 to 0.18 c.c.     |
| Æther .....                        | 30 to 60 min..                          | 2 to 4 c.c.           |
| spir... .....                      | 30 to 80 min..                          | 2 to 5 c.c.           |
| spir. comp.....                    | 30 to 60 min.                           | 2 to 4 c.c.           |
| Agaricin .....                     | ½ to ⅓ gr....                           | 0.005 to 0.01 gm.     |
| Aloe.....                          | 2 to 5 gr....                           | 0.12 to 0.30 gm.      |
| ext.....                           | ½ to 3 gr....                           | 0.03 to 0.18 gm.      |
| et myrrha pil ...                  | 2 to 5 pills ...                        | 2 to 5 pills.         |
| pil.....                           | 3 to 6 pills...                         | 3 to 6 pills.         |
| tinct.....                         | 1 to 2 fl. dr ...                       | 4 to 8 c.c.           |
| et myrrh tinct....                 | 1 to 2 fl. dr ..                        | 4 to 8 c.c.           |
| vin.....                           | 1 to 2 fl. dr. .                        | 4 to 8 c.c.           |
| Aloinum .....                      | 1 to 3 gr.....                          | 0.06 to 0.18 gm.      |
| Aloin .....                        | ½ to 1 gr....                           | 0.03 to 0.06 gm.      |
| Alumen .....                       | 10 to 15 gr....                         | 0.60 to 1 gm          |
| Ammonii acetatis liq.              | 2 to 8 fl. dr...                        | 8 to 32 c.c.          |
| aqua .....                         | 10 to 30 min..                          | 0.60 to 2 c.c.        |
| benzoas.....                       | 10 to 20 gr....                         | 0.60 to 1.20 gm.      |
| bromid.....                        | 5 to 30 gr....                          | 0.30 to 2 gm.         |
| carb.....                          | 3 to 10 gr....                          | 0.18 to 0.60 gm.      |
| chlorid.....                       | 8 to 30 gr....                          | 0.50 to 1.80 gm.      |

# DOSE TABLE.

| <i>Remedies.</i>   | <i>Apothecaries'</i><br><i>w'ts and meas.</i> | <i>Metric terms.</i> |
|--|---|----------------------|
| Ammonii fluoride.....  | v to xxx min.                                 | 0.30 to 2 c.c.       |
| iodid.....   | 1 to 5 gr.....                                | 0.06 to 0.30 gm.     |
| phosphas.....  | 5 to 20 gr.....                               | 0.30 to 1.20 gm.     |
| picras.....  | $\frac{1}{4}$ to $\frac{1}{2}$ gr.....        | 0.015 to 0.03 gm.    |
| spir (see spir)  |   |                      |
| valerianas.....  | 5 to 10 gr.....                               | 0.30 to 0.60 gm.     |
| Amyl nitris (by inh.)  | .2 to 5 min.....                              | 0.12 to 0.30 c.c.    |
| (internally). $\frac{1}{4}$ to 1 min....                     | 0.015 to 0.06 c.c.                            |                      |
| Amylum iodatum.....  | 1 to 4 dr.....                                | 4 to 16 gm.          |
| Anthemidis oleum.....  | 2 to 10 min....                               | 0.12 to 0.60 c.c.    |
| Antifebrin .....   | 4 to 8 gr.....                                | 0.24 to 0.50 gm.     |
| Antimonii oxid.....  | 1 to 2 gr.....                                | 0.06 to 0.12 gm.     |
| et pot tart } diaph. $\frac{1}{16}$ to $\frac{1}{8}$ gr..... | 0.004 to 0.01 gm.                             |                      |
| emet .1 to 2 gr.....   | 0.06 to 0.12 gm.                              |                      |
| oxysulphur.....  | 1 to 5 gr.....                                | 0.06 to 0.30 gm.     |
| sulphurat .....  | $\frac{1}{2}$ to 5 gr.....                    | 0.03 to 0.30 gm.     |
| vin } expect.....  | 1 to 8 min....                                | 0.06 to 0.50 c.c.    |
| emet .....30 to 75 min..                                     | 2 to 5 gm.                                    |                      |
| Antipyriua   |   |                      |
| y Antipyretic ....   | 5 to 15 gr.....                               | 0.30 to 1 gm.        |
| Analgesic.....   | 8 to 15 gr.....                               | 0.50 to 1 gm.        |
| Apiol .....  | 3 to 5 gr.....                                | 0.18 to 0.30 gm.     |
| Apocynum.....  | 15 to 30 gr....                               | 1 to 2 gm.           |
| Apomorphinæ  |   |                      |
| hydrochlo- } inter. $\frac{1}{2}$ gr.....                    | 0.03 gm.                                      |                      |
| rate. . } hypo. $\frac{1}{2}$ gr. ....                       | 0.005 gm.                                     |                      |
| Arbutin.....   | 5 to 30 gr....                                | 0.30 to 2 gm.        |
| Argenti iodid .....  | $\frac{1}{8}$ to 2 gr.....                    | 0.008 to 0.12 gm.    |
| nitras .....   | $\frac{1}{8}$ to $\frac{1}{2}$ gr.....        | 0.01 to 0.03 gm.     |
| oxid.....  | $\frac{1}{2}$ to 2 gr.....                    | 0.03 to 0.12 gm.     |
| Aristol.....   |   | externally.          |
| Arnica rad. ext.....   | 3 to 5 gr.....                                | 0.18 to 0.30 gm.     |
| tr. flor.....  | 10 to 30 min                                  | 0.60 to 2 c.c.       |
| tr. rad.....   | 20 to 30 min.                                 | 1.20 to 2 c.c.       |
| Arseniosi acidi liq....                                      | 2 to 8 min....                                | 0.12 to 0.50 c.c.    |
| Arsenii iodid.....   | $\frac{1}{8}$ to $\frac{1}{24}$ .....         | 0.0015 to 0.003 gm.  |
| et hydr. iod. liq  | 5 to 10 min....                               | 0.30 to 0.60 c.c.    |
| Asafoetida.....  | 5 to 15 gr.....                               | 0.30 to 0.90 gm.     |
| pil.....   | 5 to 10 gr.....                               | 0.30 to 0.60 gm.     |
| tinct.....   | 30 to 60 min..                                | 2 to 4 c.c.          |
| Atropinae sul.....   | $\frac{1}{25}$ to $\frac{1}{25}$ gr....       | 0.0005 to 0.003 gm.  |
| Aurii et sodii chlorid.                                      | $\frac{3}{2}$ to $\frac{1}{8}$ gr....         | 0.002 to 0.008 gm.   |
| Bals. peruv.....   | 10 to 15 min..                                | 0.60 to 0.90 c.c.    |
| tolut .....  | 10 to 30 gr...                                | 0.60 to 1.80 gm.     |
| Beberinæ sul.....  | 3 to 10 gr....                                | 0.18 to 0.60 gm.     |

# DOSE TABLE.

*Apothecaries'*

*Remedies. w'ts and meas. Metric terms.*

|                             |                                     |                    |
|-----------------------------|-------------------------------------|--------------------|
| Belladonnae fol.            | $\frac{1}{8}$ to 2 gr.              | 0.007 to 0.12 gm.  |
| ext.                        | $\frac{1}{8}$ to $\frac{1}{2}$ gr.  | 0.007 to 0.03 gm.  |
| ext. (alcoholic)            | $\frac{1}{10}$ to $\frac{1}{4}$ gr. | 0.006 to 0.015 gm. |
| ext. fl.                    | 1 to 2 min.                         | 0.06 to 0.12 c.c.  |
| tinct.                      | 5 to 30 min.                        | 0.30 to 2 c.c.     |
| Benzoini tinct.             | 20 to 30 min.                       | 1.20 to 1.80 c.c.  |
| Benzoini tinc. compos.      | $\frac{1}{2}$ to 2 fl. dr.          | 2 to 8 c.c.        |
| Berberina                   | 3 to 15 gr.                         | 0.18 to 0.90 gm.   |
| Bismuthi citras             | 3 to 15 gr.                         | 0.18 to 0.90 gm.   |
| et ammon citras             | 1 to 3 gr.                          | 0.06 to 0.18 gm.   |
| salicylas                   | 3 to 10 gr.                         | 0.18 to 0.60 gm.   |
| subcarb                     | 5 to 20 gr.                         | 0.30 to 1.20 gm.   |
| benzoate                    | locally                             |                    |
| subnit.                     | 5 to 20 gr.                         | 0.30 to 1.20 gm.   |
| valer.                      | 1 to 3 gr.                          | 0.06 to 0.18 gm.   |
| Borax                       | 5 to 30 gr.                         | 0.30 to 2 gm.      |
| Brayera                     | 2 to 4 dr.                          | 8 to 16 gm.        |
| fl. ext.                    | 2 to 4 fl. dr.                      | 8 to 16 c.c.       |
| Brucina                     | $\frac{1}{10}$ to $\frac{1}{3}$ gr. | 0.006 to 0.02 gm.  |
| Bruciae phosphat.           | $\frac{1}{4}$ to $\frac{1}{5}$ gr.  | 0.001 to 0.004 gm. |
| Bryonia tinct.              | 15 to 90 min.                       | 1 to 6 c.c.        |
| Buchu                       | 20 to 30 gr.                        | 1.20 to 1.80 gm.   |
| ext. fl.                    | 30 to 60 min.                       | 2 to 4 c.c.        |
| tinct.                      | 1 to 2 fl. dr.                      | 4 to 8 c.c.        |
| Cactus grandiflor ext.      |                                     |                    |
| fl. (night blooming cereus) | 5 to 10 min.                        | 0.30 to 0.60 c.c.  |
| Caffeina                    | 2 to 5 gr.                          | 0.12 to 0.30 gr.   |
| ciras.                      | 1 to 3 gr.                          | 0.06 to 0.18 gm.   |
| Calcii bromid.              | 5 to 60 gr.                         | 0.30 to 4 gm.      |
| carb. præcip.               | 10 to 40 gr.                        | 0.60 to 2.40 gm.   |
| valerianate                 | 1 gr.                               | 0.06 gm.           |
| chloridum                   | 10 to 30 gr.                        | 0.60 to 2 gm.      |
| hypophosphis                | 5 to 15 gr.                         | 0.30 to 1 gm.      |
| iodid                       | 1 to 3 gr.                          | 0.06 to 0.18 gm.   |
| phos. præcip.               | 10 to 30 gr.                        | 0.60 to 2 gm.      |
| Calcis liq.                 | 2 to 4 dr.                          | 8 to 16 c.c.       |
| Calumba                     | 10 to 30 gr.                        | 0.60 to 2 gm.      |
| tinct.                      | 1 to 4 dr.                          | 4 to 16 c.c.       |
| Calx chlorat.               | 3 to 5 gr.                          | 0.18 to 0.30 gm.   |
| sulphurat                   | $\frac{1}{10}$ to $\frac{1}{2}$ gr. | 0.006 to 0.03 gm.  |
| Cambogia                    | 2 to 6 gr.                          | 0.12 to 0.36 gm.   |
| Camphora                    | 2 to 10 gr.                         | 0.12 to 0.60 gm.   |
| monobrom                    | 3 to 5 gr.                          | 0.18 to 0.30 gm.   |
| spir.                       | 10 to 30 min.                       | 0.60 to 2 c.c.     |
| Cannab. Ind. ext.           | $\frac{1}{8}$ to $\frac{1}{2}$ gr.  | 0.01 to 0.03 gm.   |
| ext. fl.                    | 1 to 5 min.                         | 0.06 to 0.30 c.c.  |

# DOSE TABLE.

| <i>Remedies.</i>                   | <i>Apothecaries'</i><br><i>w'ts and meas.</i> | <i>Metric terms.</i> |
|------------------------------------|---|----------------------|
| Cannab Ind. tinct.....             | 5 to 30 min.                                  | 0.30 to 2 c.c.       |
| Cantharis .....                    | ½ to 2 gr.....                                | 0.03 to 0.12 gm.     |
| Cantharidis tinct.....             | 5 to 10 min.                                  | 0.30 to 0.60 c.c.    |
| Capsicum.....                      | 5 to 10 gr.....                               | 0.30 to 0.60 gm.     |
| Capsici oleoresin.....             | 1 to 5 min.....                               | 0.06 to 0.30 c.c.    |
| tinct .....                        | 10 to 60 min..                                | 0.60 to 4 c.c.       |
| Carbo Ligni.....                   | 1 to 4 dr.....                                | 4 to 16 gm.          |
| Cardamomum .....                   | 5 to 20 gr.....                               | 0.30 to 1.20 gm.     |
| Cardamom tinct.....                | ½ to 1 fl. dr.                                | 2 to 4 c.c.          |
| tinct. com.....                    | ½ to 2 fl. dr.                                | 2 to 8 c.c.          |
| Cari oleum.....                    | 1 to 10 min....                               | 0.06 to 0.60 c.c.    |
| Caryophyllus.....                  | 5 to 10 gr.....                               | 0.30 to 0.60 gm.     |
| oleum ... .....                    | 2 to 20 min....                               | 0.12 to 1.20 c.c.    |
| Cascara Sagrada ext. ....          | 1 to 5 gr. ....                               | 0.06 to 0.30 gm.     |
| ext. fl.....                       | ½ to 1 dr.....                                | 2 to 4 c.c.          |
| Cascarilla .....                   | 10 to 30 gr....                               | 0.60 to 1.80 gm.     |
| tinct .....                        | ½ to 2 fl. dr.                                | 2 to 8 c.c.          |
| Castanea ext. fl.....              | ½ to 1 fl. dr.                                | 2 to 4 c.c.          |
| Castoreum .....                    | 5 to 15 gr.....                               | 0.30 to 1 gm.        |
| tinct .....                        | ½ to 2 fl. dr.                                | 2 to 8 c.c.          |
| Catechu .....                      | 10 to 30 gr....                               | 0.60 to 1.80 gm.     |
| tinct comp.....                    | ½ to 2 fl. dr.                                | 2 to 8 c.c.          |
| Cerii oxalas.....                  | 1 to 3 gr. ....                               | 0.06 to 0.18 gm.     |
| Chinoidimum .....                  | 2 to 30 gr.....                               | 0.12 to 1.80 gm.     |
| Chloral hydrate .....              | 5 to 20 gr.....                               | 0.30 to 1.20 gm.     |
| Chloralamid.....                   | 15 to 30 gr....                               | 1 to 2 gm.           |
| Chlorodyne .....                   | 5 to 30 min....                               | 0.30 to 2 c.c.       |
| Chloroformum pur....               | 1 to 20 min....                               | 0.06 to 1.20 c.c.    |
| spir.....                          | 15 to 60 min..                                | 1 to 4 c.c.          |
| tinct. comp.....                   | 20 to 60 min..                                | 1.20 to 4 c.c.       |
| Chlori aqua .....                  | 10 to 20 min..                                | 0.60 to 1.20 c.c.    |
| Chrysarobin.....                   | 3 to 15 gr.....                               | 0.18 to 1 gm.        |
| Cimicifngæ ext. fl....             | 10 to 40 min..                                | 0.60 to 2.40 c.c.    |
| tinct .....                        | ½ to 1 fl. dr.                                | 2 to 4 c.c.          |
| Cinchona.....                      | 15 to 60 gr ...                               | 1 to 4 gm.           |
| ext.....                           | 3 to 15 gr.....                               | 0.18 to 1 gm.        |
| tinct .....                        | 1 to 3 fl. dr.                                | 4 to 12 c.c.         |
| tinct. comp.....                   | 1 to 3 fl. dr.                                | 4 to 12 c.c.         |
| Cinchonidina and its<br>salts..... | 1 to 30 gr.....                               | 0.06 to 2 gm.        |
| Cinchonina and its sls. ....       | 1 to 30 gr.....                               | 0.06 to 2 gm.        |
| Cinnamomum.....                    | 6 to 30 gr.....                               | 0.36 to 2 gm.        |
| aqua.....                          | 4 fl. dr.....                                 | 16 c.c.              |
| tinct .....                        | 1 to 2 fl. dr.                                | 4 to 8 c.c.          |
| Cocaine and salts.....             | ¼ to 1 gr.....                                | 0.015 to 0.06 gm.    |
| Codeina... .....                   | ½ to 2 gr....                                 | 0.03 to 0.12 gm.     |

# DOSE TABLE.

| <i>Remedies.</i>        | <i>Apothecaries'<br/>w'ts and meas.</i> | <i>Metric terms.</i> |
|-------------------------|---|----------------------|
| Colchici rad.....       | 2 to 8 gr.....                          | 0.12 to 0.50 gm.     |
| sem .....               | 2 to 5 gr.....                          | 0.12 to 0.30 gm.     |
| ext. acet.....          | 1 to 2 gr.....                          | 0.06 to 0.12 gm.     |
| rad. ext. fl.....       | 2 to 10 min....                         | 0.12 to 0.60 c.c.    |
| sem. ext. fl.....       | 2 to 5 min....                          | 0.12 to 0.30 c.c.    |
| rad. tinct.....         | 5 to 20 min..                           | 0.30 to 1.20 c.c.    |
| sem. tinct.....         | 15 to 30 min..                          | 1 to 2 c.c.          |
| rad. vin .....          | 5 to 30 min....                         | 0.30 to 2 c.c.       |
| sem. vin.....           | 8 to 30 min....                         | 0.50 to 2 c.c.       |
| Colocynthis.....        | 2 to 10 gr.....                         | 0.12 to 0.60 gm.     |
| Condurango fl. ext....  | 8 to 30 min....                         | 0.50 to 2 c.c.       |
| Conii fol. ext. (Eng.)  | 1 to 4 gr.....                          | 0.06 to 0.24 gm.     |
| fol. ext. ale.....      | 1 to 2 gr.....                          | 0.06 to 0.12 gm.     |
| fruct. ext. ale.....    | ½ to 1 gr.....                          | 0.002 to 0.06 gm.    |
| fruct. ext. fl.....     | 2 to 5 min....                          | 0.12 to 0.30 c.c.    |
| tinct .....             | 5 to 30 min....                         | 0.30 to 2 c.c.       |
| Coniina and its salts   | ½ to ⅓ gr....                           | 0.001 to 0.002 gm.   |
| Convallaria ext.....    | 2 to 10 gr.....                         | 0.12 to 0.60 gm.     |
| ext. fl .....           | 2 to 10 min....                         | 0.12 to 0.60 c.c.    |
| Copaiba.....            | 20 to 60 min..                          | 1.20 to 4 c.c.       |
| massa.....              | 15 to 60 gr....                         | 1 to 4 gm.           |
| oleum.....              | 5 to 20 min....                         | 0.30 to 1.20 c.c.    |
| resina.....             | 5 to 15 gr....                          | 0.30 to 1 gm.        |
| Cornutin.....           | ½ gr.....                               | 0.00055 gm.          |
| Coto.....               | 3 to 15 gr....                          | 0.18 to 1 gm.        |
| ext.....                | 1 to 3 gr.....                          | 0.06 to 0.18 gm.     |
| tinct .....             | 15 to 60 min..                          | 1 to 4 c.c.          |
| Coto Bark ext. sacch.   | 1 to 5 gr.....                          | 0.06 to 0.30 gm.     |
| ext. fl.....            | 5 to 20 min....                         | 0.30 to 1.20 c.c.    |
| Cotoinum.....           | ½ to ⅓ gr....                           | 0.01 to 0.03 gm.     |
| Creasotum.....          | 1 to 3 min....                          | 0.06 to 0.18 c.c.    |
| Creasotia aq.....       | 1 to 4 fl. dr....                       | 4 to 16 c.c.         |
| Cretæ præpar.....       | 10 to 60 gr....                         | 0.60 to 4 gm.        |
| Crocus.....             | 10 to 30 gr....                         | 0.60 to 2 gm.        |
| Croci tinct.....        | ½ to 2 fl. dr..                         | 2 to 8 c.c.          |
| Croton chloral .....    | 1 to 5 gr. ....                         | 0.06 to 0.30 gm.     |
| Cubeba.....             | 15 to 120 gr....                        | 1 to 8 gm.           |
| ext. fl.....            | 10 to 30 min..                          | 0.60 to 2 c.c.       |
| oleoresin.....          | 5 to 20 min....                         | 0.06 to 1.20 c.c.    |
| tinct .....             | 1 to 2 fl. dr...                        | 4 to 8 c.c.          |
| Cupri acet.....         | ½ to ⅓ gr....                           | 0.006 to 0.03 gm.    |
| sulph .....             | ¼ to ½ gr....                           | 0.015 to 0.06 gm.    |
| Cuprum ammon .....      | ½ to 1 gr....                           | 0.01 to 0.06 gm.     |
| Curare.....             | ¾ to ½ gr....                           | 0.002 to 0.01 gm.    |
| Curarina .....          | ⅓ to ⅔ gr....                           | 0.001 to 0.003 gm.   |
| Cypripedii fl. ext..... | 15 to 30 min..                          | 1 to 2 c.c.          |

# DOSE TABLE.

| <i>Remedies.</i>                            | <i>Apothecaries'</i><br><i>w'ts and meas.</i> | <i>Metric terms.</i> |
|---|---|----------------------|
| Damianæ ext.....                            | 2 to 10 gr.....                               | 0.12 to 0.60 gm.     |
| ext. fl.....                                | ½ to 2 fl. dr..                               | 2 to 8 c.c.          |
| tinet .....                                 | 1 to 3 fl. dr.                                | 4 to 12 c.c.         |
| Daturina.....                               | 1⁹/₂₀ to 5/₆ gr.                              | 0.0006 to 0.0013 gm. |
| Digitalatinum.....                          | 1¹/₄ to 1¹/₂ gr.                              | 0.001 to 0.002 gm.   |
| Digitalis.....                              | ½ to 2 gr.....                                | 0.03 to 0.12 gm..    |
| ext.. .....                                 | ¹/₈ to ½ gr....                               | 0.008 to 0.03 gm     |
| ext. fl.....                                | 1 to 3 min.....                               | 0.06 to 0.18 c.c.    |
| tinet .. .....                              | 5 to 20 min....                               | 0.30 to 1.20 c.c.    |
| Drosera ext. fl.....                        | 8 to 15 min....                               | 0.50 to 1 c.c.       |
| Duboisina and salts.....                    | 1²/₈ to 6/₅ gr.                               | 0.0005 to 0.001 gm.  |
| Dulcamarae ext.....                         | 5 to 10 gr.....                               | 0.30 to 0.60 gm.     |
| ext. fl.....                                | 1 to 2 fl. dr..                               | 4 to 8 c.c.          |
| Elaterium U.S.P. 1870. 1/₅ to 1/₆ gr.....   | 0.006 to 0.101 gm.                            |                      |
| Elaterium U.S.P. 1880. 1/₁₀ to 1/₁₂ gr..... | 0.001 to 0.005 gm.                            |                      |
| Emetina and salts,                          |   |                      |
| (emet) .....                                | ¹/₈ to ¼ gr...                                | 0.008 to 0.015 gm.   |
| and salts (diaph.)                          | ¹¹/₂₀ to ³/₅ gr...                            | 0.0005 to 0.003 gm.  |
| Ergota.....                                 | 15 to 60 gr....                               | 1 to 4 gm.           |
| ext. fl.....                                | 15 to 60 min..                                | 1 to 4 c.c.          |
| tinet .....                                 | 15 to 60 min..                                | 1 to 4 c.c.          |
| vin.....                                    | 1 to 3 fl. dr...                              | 4 to 12 c.c.         |
| Ergotin.....                                | 1 to 8 gr.....                                | 0.06 to 0.50 gm.     |
| Erythroxylon, fi. ext.                      | 20 to 60 min.                                 | 0.12 to 4 c.c.       |
| Eserina, and salts....                      | ¹¹/₂₀ to ¹/₅ gr.                              | 0.0006 to 0.0012 gm. |
| Ethyl bromide.....                          | Anæsthetic.                                   |                      |
| Eucalypt. fl. ext.....                      | 30 to 60 min..                                | 1.80 to 3.60 c.c.    |
| expect .....                                | 5 to 15 min...                                | 0.30 to 1 c.c.       |
| oleum (anti-per)                            | 30 to 60 min..                                | 2 to 4 c.c.          |
| Euonymin .....                              | ½ to 5 gr.....                                | 0.03 to 0.30 gm.     |
| Euonymns extr.....                          | 3 to 8 gr.....                                | 0.18 to 0.48 gm.     |
| ext. fl.....                                | 15 to 60 min                                  | 1 to 4 c.c.)         |
| Exalgine.....                               | 4 to 8 gr.....                                | 0.24 to 0.48 gm.     |
| Fel. bovis purif.....                       | 3 to 6 gr.....                                | 0.18 to 0.36 gm.     |
| Ferri acet. tinet.....                      | 10 to 60 min.                                 | 0.30 to 2 c.c.       |
| et amm. cit.....                            | 5 to 10 gr.....                               | 0.30 to 0.60 gm.     |
| et amm. sulph.....                          | 5 to 10 gr.....                               | 0.30 to 0.60 gm.     |
| et amm. tart.....                           | 10 to 30 gr....                               | 0.60 to 1.80 gm.     |
| et pot. tart.....                           | 10 to 30 gr....                               | 0.60 to 1.80 gm.     |
| arsenias.....                               | ¹/₂₀ to ¹/₈ gr....                            | 0.003 to 0.008 gm.   |
| benzoas.....                                | 1 to 5 gr.....                                | 0.06 to 0.30 gm.     |
| bromid.....                                 | 1 to 5 gr.....                                | 0.06 to 0.30 gm.     |
| bromid syr.....                             | 15 to 60 min..                                | 1 to 4 c.c.          |
| carb. sacch.....                            | 4 to 15 gr....                                | 0.24 to 1 gm.        |
| chlorid.....                                | never used internally.                        |                      |
| chlorid liq.....                            | 2 to 10 min...                                | 0.12 to 0.60 c.c.    |

# DOSE TABLE.

## *Apothecaries'*

*Remedies. w'ts and meas. Metric terms.*

|                        |                  |                   |
|------------------------|------------------|-------------------|
| Ferri chlorid tinct... | 10 to 30 min...  | 0.60 to 2 c.c.    |
| citras .....           | 5 to 10 gr....   | 0.30 to 0.60 gm.  |
| cit. liqu.....         | 5 to 15 min...   | 0.30 to 1 c.c.    |
| cit. vin.....          | 1 fl. dr.....    | 4 c.c.            |
| iodidum.....           | 1 to 5 gr.....   | 0.06 to 0.30 gm.  |
| iodid sacch.....       | 2 to 3 gr.....   | 0.12 to 0.18 gm.  |
| iodid syr.....         | 15 to 60 min..   | 1 to 4 c.c.       |
| lactas .....           | 1 to 5 gr... .   | 0.06 to 0.30 gm.  |
| nitrat. liqu.....      | 5 to 10 min...   | 0.30 to 0.60 c.c. |
| oxalas.....            | 1 to 3 gr.....   | 0.06 to 0.18 gm.  |
| oxid. hydrat.....      | 5 to 10 gr.....  | 0.30 to 0.60 gm.  |
| oxid. magnet.....      | 5 to 10 gr.....  | 0.30 to 0.60 gm.  |
| phosphas.....          | 5 to 10 gr.....  | 0.30 to 0.60 gm.  |
| pyrophosphas.....      | 1 to 5 gr.....   | 0.06 to 0.30 gm.  |
| et quin. cit.....      | 5 to 6 gr.....   | 0.30 to 0.36 gm.  |
| et strych. cit.....    | 1 to 5 gr.....   | 0.06 to 0.30 gm.  |
| subcarbonas.....       | 5 to 30 gr.....  | 0.30 to 1.80 gm.  |
| subsul. liqu.....      | 3 to 5 min....   | 0.18 to 0.30 c.c. |
| sulphas .....          | 1 to 2 gr.....   | 0.06 to 0.12 gm.  |
| sul. exsic.....        | ½ to 3 gr.....   | 0.03 to 0.18 gm.  |
| valerianat.....        | 1 to 3 gr.....   | 0.06 to 0.18 gm.  |
| vin amarum .....       | 1 to 4 fl. dr... | 4 to 16 c.c.      |
| Ferrum dialysat.....   | 1 to 15 min...   | 0.06 to 1 c.c.    |
| reductum .....         | 1 to 5 gr.....   | 0.06 to 0.30 gm.  |
| Filix mas.....         | 1 to 2 dr.....   | 4 to 8 gm.        |
| Galbanum.....          | 10 to 20 gr...   | 0.60 to 1.20 gm.  |
| Gallæ tinct.....       | ½ to 2 fl. dr.   | 2 to 8 c.c.       |
| Gambogia.....          | 1 to 4 gr.....   | 0.06 to 0.25 gm.  |
| Gaultheriae, oleum...  | 3 to 10 min...   | 0.18 to 0.60 c.c. |
| Gelseinii ext .....    | ½ to 1 gr.....   | 0.03 to 0.06 gm.  |
| ext. fl.....           | 2 to 5 min....   | 0.12 to 0.30 c.c. |
| tinct .....            | 2 to 15 min...   | 0.12 to 1 c.c.    |
| Gentian.....           | 10 to 40 gr....  | 0.60 to 2.40 gm.  |
| ext.....               | 1 to 5 gr.....   | 0.60 to 0.90 gm.  |
| ext. fl.....           | 10 to 40 min..   | 0.60 to 2.40 c.c. |
| tinct. com.....        | 1 to 2 fl. dr..  | 4 to 8 c.c.       |
| Geranium.....          | 10 to 20 gr....  | 0.60 to 1.20 gm.  |
| ext. fl.....           | 30 to 60 min..   | 1.80 to 4 c.c.    |
| Gilleniæ fl. ext.....  | 15 to 30 min..   | 1 to 2 c.c.       |
| Glycerite acid carbol. | 5 to 10 min...   | 0.30 to 0.60 c.c. |
| acid gallic. ....      | 15 to 60 min..   | 1 to 4 c.c.       |
| acid tannic.....       | 10 to 40 min.    | 0.60 to 2.40 c.c. |
| Glycyrrhizæ ext.....   | 30 to 60 gr....  | 2 to 4 gm.        |
| ext. fl.....           | 1 to 2 fl. dr... | 4 to 8 c.c.       |
| pulv. comp.....        | 30 to 60 gr....  | 2 to 4 gm.        |
| mist. comp.....        | 1 to 4 fl. dr... | 4 to 16 c.c.      |

# DOSE TABLE.

| <i>Remedies.</i>         | <i>Apothecaries'</i><br><i>wts and meas.</i> | <i>Metric terms.</i> |
|--------------------------|--|----------------------|
| Gossypii rad. ext. fl.   | 30 to 60 min.                                | .2 to 4 c.c.         |
| Granatum.....            | 20 to 30 gr.                                 | .120 to 2 gm.        |
| Grindeliae rob. ext. fl. | 30 to 60 min.                                | .2 to 4 c.c.         |
| squar. ext. fl.          | 30 to 60 min.                                | .2 to 4 c.c.         |
| Gnaiaci resina .....     | 10 to 30 gr.                                 | .060 to 2 gm.        |
| tinct .....              | ½ to 1 fl. dr.                               | .2 to 4 c.c.         |
| tinct. ammon,.....       | ½ to 1 fl. dr.                               | .2 to 4 c.c.         |
| Guaiacol.....            | 1 to 5 min.                                  | .06 to 0.30 c.c.     |
| Guarana .....            | 10 to 30 gr.                                 | .60 to 2 gm.         |
| ext. fl.                 | ½ to 1 fl. dr.                               | .2 to 4 c.c.         |
| Hæmatoxyli ext.....      | 10 to 30 gr.                                 | .60 to 1.80 gm.      |
| ext. fl.                 | 30 to 60 min.                                | .2 to 4 c.c.         |
| Hamamelid ext. fl.       | 30 to 90 min.                                | .2 to 6 c.c.         |
| Hellebori nigri ext..    | ½ to 3 gr.                                   | .03 to 0.18 gm.      |
| nigri ext. fl.           | 5 to 15 min.                                 | .30 to 1 c.c.        |
| tinct .....              | ½ to 1 fl. dr.                               | .2 to 4 c.c.         |
| Hoffman's anodyne..      | 1 fl. dr.                                    | .4 c.c.              |
| Homatropia hydrobr.      | ½ to ⅓ gr.                                   | .0003 to 0.001 gm.   |
| Humulus ext.....         | 1 to 5 gr.                                   | .06 to 0.30 gm.      |
| ext. fl.                 | 30 to 60 min.                                | .2 to 4 c.c.         |
| tinct .....              | 1 to 3 fl. dr.                               | .4 to 12 c.c.        |
| Hydrarg. chlor. corro.   | ½ to ⅓ gr.                                   | .001 to 0.006 gm.    |
| chlor. mit.              | ½ to 8 gr.                                   | .005 to 0.50 gm.     |
| c. creta.....            | 3 to 8 gr.                                   | .18 to 0.50 gm.      |
| cyanidum.....            | ½ to ⅓ gr.                                   | .0006 to 0.006 gm.   |
| iodid. rubr.....         | ½ to ⅓ gr.                                   | .004 to 0.006 gm.    |
| iodid. viride.....       | ½ to ⅓ gr.                                   | .004 to 0.02 gm.     |
| massa.....               | 1 to 15 gr.                                  | .06 to 1 gm.         |
| oxidnm flavum.....       | ½ to ⅓ gr.                                   | .003 to 0.005 gm.    |
| oxidum nigrnm .....      | ½ to ⅓ gr.                                   | .003 to 0.005 gm.    |
| oxidum rubrn m.....      | ½ to ⅓ gr.                                   | .003 to 0.005 gm.    |
| salicylate.....          | 1 gr.  | .06 gm.              |
| subsulph. flav.....      | ¼ to 1 gr.                                   | .015 to 0.06 gm.     |
| Hydrastis.....           | 2 to 5 gr.                                   | .12 to 0.30 gm.      |
| ext. fl.                 | 1 to 2 fl. dr.                               | .4 to 8 c.c.         |
| tinct .....              | ½ to 2 fl. dr.                               | .2 to 8 c.c.         |
| Hydrastin.....           | 2 to 5 gr.                                   | .12 to 0.30 gm.      |
| Hydrogenium peroxy-      |  |                      |
| dum.....                 | ½ to 2 fl. dr.                               | .2 to 8 c.c.         |
| Hyoscinæ hydrobrom.      | ½ to ⅓ gr.                                   | .0003 to 0.001 gm.   |
| Hyoscyami ext. alc.....  | ½ to 2 gr.                                   | .03 to 0.12 gm.      |
| ext. fl.                 | 5 to 15 min.                                 | .30 to 1 c.c.        |
| fol .....                | 5 to 10 gr.                                  | .30 to 0.60 gm.      |
| fol. tinct.....          | 15 to 60 ml.                                 | .1 to 4 c.c.         |
| sem. tinct.....          | 10 to 60 min.                                | .60 to 4 c.c.        |
| Hypnone .....            | ½ to 1½ gr.                                  | .03 to 0.09 gm.      |

# DOSE TABLE.

| <i>Remedies.</i>   | <i>Apothecaries'</i><br><i>w'ts and meas.</i>           | <i>Metric terms.</i> |
|--|---|----------------------|
| Ichthyol.....  | locally, 10 to 20 per ct. ointment.                     |                      |
| Ignatiae ext. alc. ....  | $\frac{1}{4}$ to $\frac{1}{2}$ gr.... 0.015 to 0.03 gm. |                      |
| tinct .....  | 5 to 10 min.... 0.30 to 0.60 c.c.                       |                      |
| Ingluvin.....  | 5 to 15 gr.... 0.30 to 1 gm.                            |                      |
| Indigo concentr. ext   | 5 gr..... 0.30 gm.                                      |                      |
| Iodinum .....  | $\frac{1}{4}$ to $\frac{1}{2}$ gr... 0.015 to 0.03 gm.  |                      |
| Iodinii comp. liq. ....  | 1 to 10 min.... 0.06 to 0.60 c.c.                       |                      |
| tinct .....  | 1 to 5 min.... 0.06 to 0.30 c.c.                        |                      |
| Iodoformum .....   | 1 to 3 gr.... 0.06 to 0.20 gm.                          |                      |
| Idol.....  | 1 to 5 gr.... 0.06 to 0.30 gm.                          |                      |
| Ipecacuanha—expect   | $\frac{1}{2}$ to 1 gr.... 0.03 to 0.06 gm.              |                      |
| emet.... 15 to 30 gr.... 1 to 2 gm.  |   |                      |
| Ipec. pulv. com.....   | 5 to 10 gr.... 0.30 to 0.60 gm.                         |                      |
| et opii pulv..... 2 to 15 gr.... 0.12 to 1 gm.   |   |                      |
| et opii ext. fl.(use<br>same as Dover's<br>powder. .... 5 to 10 min... 0.30 to 0.60 c.c. |   |                      |
| et opii tinct..... 5 to 30 min.... 0.30 to 1.80 c.c.                                     |   |                      |
| Ipecac ext. fl. diaph..  | $\frac{1}{2}$ to 1 min.... 0.03 to 0.06 c.c.            |                      |
| emet.... 15 to 30 min.. 1 to 2 c.c.  |   |                      |
| syr..... expect. 10 to 30 min.. 0.60 to 2 c.c.   |   |                      |
| emct.... 1 to 4 fl. dr.... 4 to 16 c.c.  |   |                      |
| vip..... expect. 5 to 30 min.... 0.30 to 2 c.c.  |   |                      |
| emet.... $\frac{1}{2}$ to 1 fl. dr.... 2 to 4 c.c.                                       |   |                      |
| Iridin.....  | 1 to 3 gr.... 0.06 to 0.20 gm.                          |                      |
| Jaborandi.....   | 30 to 60 gr.... 2 to 4 gm.                              |                      |
| ext. fl..... 10 to 60 min.. 0.60 to 4 c.c.   |   |                      |
| tinct..... 10 to 60 min.. 0.60 to 4 c.c.   |   |                      |
| Jalapa.....  | 10 to 30 gr.... 0.60 to 2 gm.                           |                      |
| ext. alcohol..... 3 to 6 gr.... 0.18 to 0.36 gm.   |   |                      |
| ext..... 5 to 10 gr.... 0.30 to 0.60 gm.   |   |                      |
| ext. fl..... 15 to 30 gr.... 1 to 2 c.c.   |   |                      |
| pulv. com..... 10 to 60 gr.... 0.60 to 4 gm.   |   |                      |
| resina..... 2 to 5 gr.... 0.12 to 0.30 gm.   |   |                      |
| tinct..... $\frac{1}{2}$ to 2 fl. dr.... 2 to 8 c.c.                                     |   |                      |
| Juglandis ext.....   | 15 to 30 gr.... 1 to 2 gm.                              |                      |
| Juniperus spts. fl.....  | 1 to 4 fl. dr.... 4 to 16 c.c.                          |                      |
| spts co..... 2 to 4 fl. dr.... 8 to 16 c.c.  |   |                      |
| Kamala .....   | 1 to 2 dr.... 4 to 8 gm.                                |                      |
| ext. fl..... $\frac{1}{2}$ to 2 fl. dr.... 2 to 8 c.c.                                   |   |                      |
| Kava Kava ext. fl. ....  | 20 to 30 min.. 1.20 to 2 c.c.                           |                      |
| Kino.....  | 10 to 20 gr.... 0.60 to 1.20 gm.                        |                      |
| tinct..... $\frac{1}{2}$ to 2 fl. dr.... 2 to 8 c.c.                                     |   |                      |
| Krameria.....  | 15 to 30 gr.... 1 to 2 gm.                              |                      |
| ext..... 5 to 20 gr.... 0.30 to 1.20 gm.   |   |                      |
| ext. fl .....  | 10 to 30 min.. 0.60 to 2 c.c.                           |                      |

# DOSE TABLE.

| <i>Remedies.</i>       | <i>Apothecaries'</i><br><i>w'ts and meas.</i> | <i>Metric terms.</i> |
|------------------------|---|----------------------|
| Krameriae syr.....     | 1 to 4 fl. dr...4 to 16 c.c.                  |                      |
| tinct.....             | ½ to 2 fl. dr..2 to 8 c.c.                    |                      |
| troches.....           | each contains 1 gr. of ext.                   |                      |
| Lacto peptine pulv...  | 10 gr.....0.60 gm.                            |                      |
| elixir.....            | 1 to 4 fl. dr...4 to 16 c.c.                  |                      |
| Lactucarinm.....       | 5 to 20 gr.....0.30 to 1.20 gm.               |                      |
| ext. fl....            | 5 to 30 min...0.30 to 2 c.c.                  |                      |
| syr .....              | 1 to 4 fl. dr...4 to 16 c.c.                  |                      |
| Lavendulæ tinct. or    |   |                      |
| spts. comp...          | 30 to 60 min..2 to 4 c.c.                     |                      |
| Leptandra.....         | 15 to 60 gr....1 to 4 gm.                     |                      |
| ext.....               | 1 to 6 gr.....0.06 to 0.36 gm.                |                      |
| ext. fl.....           | 30 to 60 min..2 to 4 c.c.                     |                      |
| Leptandrin.....        | ¼ to 2 gr.....0.015 to 0.12 gm.               |                      |
| Liq. acid arseniosi... | 2 to 8 min....0.12 to 0.48 c.c.               |                      |
| ammon. acet.....       | 4 to 12 fl. dr 16 to 48 c.c.                  |                      |
| citrat.....            | 2 to 6 fl. dr...8 to 24 c.c.                  |                      |
| ars. et hydr. iod..    | 5 to 10 min...0.30 to 0.60 c.c.               |                      |
| atropia.....           | 2 min.....0.12 c.c.                           |                      |
| bismnth et am.cit.     | ½ to 1 dr....2 to 4 c.c.                      |                      |
| calcis.....            | 2 to 4 dr.....8 to 16 c.c.                    |                      |
| chlorat.....           | 20 min.to 1 dr.1.20 to 4 c.c.                 |                      |
| ferri acet.....        | 2 to 10 min ..0.12 to 0.60 c.c.               |                      |
| chloridi.....          | 2 to 10 min...0.12 to 0.60 c.c.               |                      |
| citrat.....            | 10 min.....0.60 c.c.                          |                      |
| et quin citr...        | 10 to 30 min 0.60 to 2 c.c.                   |                      |
| nitr .....             | 7 to 10 min...0.42 to 0.60 c.c.               |                      |
| subsnlph.              | 3 to 5 min....0.18 to 0.30 c.c.               |                      |
| iodi. comp.....        | 5 min.....0.30 c. c.                          |                      |
| lithiæ efferv.....     | 5 to 10 oz....160 to 320 c.c.                 |                      |
| magnes. carb.....      | 1 to 2 oz.....32 to 64 c.c.                   |                      |
| citrat.....            | 12 oz.....384 c.c.                            |                      |
| morphinæ acet...       | 15 to 30 min..1 to 2 c.c.                     |                      |
| morph. hydroch..       | 15 to 30 min..1 to 2 c.c.                     |                      |
| morph. sulph....       | 1 to 2 dr.....4 to 8 c.c.                     |                      |
| pepsini.....           | 4 dr to 2 oz...16 to 64 c.c.                  |                      |
| potassæ.....           | 10 to 30 min..0.60 to 2 c.c.                  |                      |
| potassii arsen....     | 5 min....0.30 c.c.                            |                      |
| sodæ chlorat....       | 30 min.to 1 dr.2 to 4 c.c.                    |                      |
| sodii arseniat....     | 3 to 5 min....0.18 to 0.30 c.c.               |                      |
| strychninæ.....        | 5 to 10 min...0.30 to 0.60 c.c.               |                      |
| Lithii benzoas.....    | 2 to 30 gr....0.12 to 2 gm.                   |                      |
| bromid.....            | 5 to 20 gr.....0.30 to 1.20 gm.               |                      |
| carb .....             | 3 to 15 gr....0.18 to 1 gm.                   |                      |
| citras .....           | 5 to 30 gr....0.30 to 2 gm.                   |                      |
| salicylate .....       | 20 to 60 gr....1.20 to 4 gm.                  |                      |

# DOSE TABLE.

| <i>Remedies.</i>         | <i>Apothecaries'<br/>wts and meas.</i>                                      | <i>Metric terms.</i> |
|--------------------------|---|----------------------|
| Lobeliae sem.....        | 2 to 10 gr....  | 0.12 to 0.60 gm.     |
| acet.....                | 30 to 60 min..  | 2 to 4 c.c.          |
| ext. fl.....             | 5 to 10 min....   | 0.30 to 0.60 c.c.    |
| tinct.....               | 5 to 30 min..   | 0.30 to 1.80 c.c.    |
| tinct. ætheræ.....       | ½ to 1 fl. dr..   | 2 to 4 c.c.          |
| Lupulinae ext.....       | 5 to 10 gr....  | 0.30 to 0.60 gm.     |
| ext. fl.....             | 5 to 15 min....   | 0.30 to 1 c.c.       |
| oleo resin.....          | 1 to 4 gr.....  | 0.06 to 0.24 gm.     |
| tinct .....              | ½ to 2 fl. dr..   | 2 to 8 c.c.          |
| Magnesia.....            | 10 to 60 gr....   | 0.60 to 4 gm.        |
| Magnesii carb.....       | 10 to 60 gr....   | 0.60 to 4 gm.        |
| citr. gran.....          | 2 to 8 dr.....  | 8 to 32 gm.          |
| cit. liq. ....           | 4 to 6 fl. oz....   | 128 to 192 c.c.      |
| sulph.....               | 2 to 6 dr.....  | 8 to 24 gm.          |
| Maydis stigm fl. ext..   | 1 to 2 fl. dr....   | 4 to 8 c.c.          |
| Malti ext.....           | 1 to 4 fl. dr....   | 4 to 16 c.c.         |
| Mangan oxid nig.....     | 2 to 10 gr....  | 0.12 to 0.60 gm      |
| sulph .....              | 2 to 10 gr....  | 0.12 to 0.60 gm.     |
| Manna.....               | 1 dr. to 2 oz..   | 4 to 64 gm.          |
| Matico ext. fl.....      | ½ to 2 fl. dr..   | 2 to 8 c.c.          |
| tinct .....              | 1 to 8 fl. dr ..  | 4 to 32 c.c.         |
| Mel despumatum.....      | rosæ .....  | Dose indefinite.     |
|                          |   |                      |
| Menthæ piperitæ ole..... | 1 to 4 min ...  | 0.06 to 0.24 c.c.    |
| aqua .....               | Dose indefinite.  |                      |
| spiritus .....           | 10 to 30 min..  | 0.60 to 2 c.c.       |
| Menthæ viridis aqua..... | Dose indefinite.  |                      |
| oleum.....               | 2 to 5 min  | 0.12 to 0.30 c.c.    |
| spiritus .....           | 10 to 40 min..  | 0.60 to 2.40 c.c.    |
| Methacetin.....          | 3 to 8 gr.....  | 0.18 to 0.48 gm.     |
| Morphia. See Opium.      |   |                      |
| Morrhuæ oleum.....       | 1 to 4 dr.....  | 4 to 16 c.c.         |
| Moschus .....            | 5 to 10 gr....  | 0.30 to 0.60 gm.     |
| tinct.....               | 30 to 90 min  | 2 to 6 c.c.          |
| Myristica .....          | 5 to 20 gr....  | 0.30 to 1.20 gm.     |
| oleum.....               | 1 to 5 min....  | 0.06 to 0.30 c.c.    |
| spiritus .....           | 1 to 2 dr.....  | 4 to 8 c.c.          |
| Myrrhæ tinct.....        | ½ to 1 fl. dr..   | 2 to 4 c.c.          |
| Naphthaline.....         | 5 to 30 gr....  | 0.30 to 2 gm.        |
| Narceine. { See Opium.   |   |                      |
| Narcotina { See Opium.   |   |                      |
| Nitroglycerine           | { 1 to 2 drops of a 1% solution, or   |                      |
|                          | (Trinitrin). { $\frac{1}{200}$ to $\frac{1}{50}$ gr... 0.0003 to 0.0012 gm. |                      |
| Nucis vomicæ ext.....    | $\frac{1}{3}$ to 1 gr....   | 0.02 to 0.06 gm.     |
| ext. alcoh.....          | $\frac{1}{4}$ to $\frac{1}{2}$ gr....                                       | 0.015 to 0.03 gm.    |
| ext. fl.....             | 1 to 5 min....  | 0.06 to 0.30 c.c.    |
| tinct .....              | 10 to 20 min..  | 0.60 to 1.20 c.c.    |
| (See strychnia.)         |   |                      |

# DOSE TABLE.

| <i>Remedies.</i>  | <i>Apothecaries' wts and meas.</i>  | <i>Metric terms.</i> |
|---|-------------------------------------|----------------------|
| Œnothera biennis(ev.<br>primrose)ext fl.<br>for spasmotic<br>affections ..... | ½ to 1 fl. dr..2 to 4 c.c.          |                      |
| Olivæ oleum .....   | ½ to 1 oz.....16 to 32 c.c.         |                      |
| Opium .....   | ½ to 2 gr.....0.03 to 0.12 gm.      |                      |
| Opii acet.....  | 5 to 10 min....0.30 to 0.60 c.c.    |                      |
| denarcot .....  | ½ to 2 gr.....0.03 to 0.12 gm.      |                      |
| et camph. pil... .  | 1½ to 3 gr....0.10 to 0.20 gm.      |                      |
| elix (McMunn's)   | .5 to 10 min....0.30 to 0.60 c.c.   |                      |
| ext.....  | ½ to 1 gr.....0.03 to 0.06 gm.      |                      |
| pulv.....   | ½ to 2 gr.....0.03 to 0.12 gm.      |                      |
| tinet .....   | 10 to 20 min. 0.60 to 1.20 c.c.     |                      |
| tinet. acet .....   | 10 to 20 min..0.60 to 1 20 c.c.     |                      |
| tinet. amin.....  | ½ to 1 fl. dr..2 to 4 c.c.          |                      |
| tinet. compos.  |                                     |                      |
| (Squibb's mixt)   | ½ to 1 dr.....2 to 4 c.c.           |                      |
| tinet. camph .....  | 1 to 4 fl. dr...4 to 16 c.c.        |                      |
| tinet. deod.....  | 10 to 20 min..0.60 to 1.20 c.c.     |                      |
| vin.....  | 10 to 20 min..0.60 to 1.20 c.c.     |                      |
| Codeine .....   | 1 to 2 gr.....0.06 to 0.12 gm.      |                      |
| Morphina .....  | ½ to ½ gr....0.005 to 0.03 gm.      |                      |
| acet.....   | ⅛ to ½ gr.....0.008 to 0.03 gm.     |                      |
| hydrochloras.   | ₂₅ to 1 gr.... 0.003 to 0.06 gm.    |                      |
| meconas.....  | ⅛ to ½ gr....0.008 to 0.03 gm.      |                      |
| pulv. compos.   | 5 to 15 gr.....0.30 to 1 gm.        |                      |
| sulph .....   | ⅛ to ½ gr....0.008 to 0.03 gm.      |                      |
| sul. liquor ...   | 10 to 30 min..0.60 to 2 c.c.        |                      |
| valer.....  | ⅛ to ¾ gr. ..0.008 to 0.045 gm.     |                      |
| Narceine.....   | ⅓ to ½ gr....0.02 to 0.03 gm.       |                      |
| Narcotinæ hydrochl.   | 2 to 10 gr.....0.12 to 0.60 gm.     |                      |
| Pancreatine.....  | 4 to 6 gr.....0.25 to 0.36 gm.      |                      |
| Paraldehyde.....  | 20 to 60 min. 1.20 to 4 c.c.        |                      |
| Papain/carica papaya)   | 1 to 5 gr.....0.06 to 0.30 gm.      |                      |
| Pareira ext.....  | 10 to 20 gr....0.60 to 1.20 gm.     |                      |
| ext. fl .....   | ½ to 2 fl. dr..2 to 8 c.c.          |                      |
| Pepo.....   | 1 to 2 oz.....32 to 64 gm.          |                      |
| resina .....  | 15 gr.....1 gm.                     |                      |
| Pepsinum .....  | 2 to 8 gr.....0.12 to 0.50 gm.      |                      |
| sacch.....  | 5 gr. to 1 dr..0.30 to 4 gm.        |                      |
| liquor.....   | 2 to 4 fl. dr.. 8 to 16 c.c.        |                      |
| Pheuacetine.....  | 3 to 15 gr.....0.18 to 1 gm.        |                      |
| Phosphorus.....   | ₁₆₅ to ₁₅ gr... 0.0006 to 0 006 gm. |                      |
| oleum.....  | 1 to 3 min ...0.06 to 0.18 c.c.     |                      |
| Physostigma.....  | ½ to 2 gr.....0.03 to 0.12 gm.      |                      |
| tinct. 10% .....  | 5 to 20 min...0.30 to 1.20 c.c.     |                      |
| salicyl.....  | ₁₆₅ to ₁₅ gr...0.0006 to 0.001 gm.  |                      |

# DOSE TABLE.

## *Apothecaries'*

| <i>Remedies.</i>      | <i>w'ts and meas.</i>                   | <i>Metric terms.</i> |
|-----------------------|---|----------------------|
| Physostigmæ ext.....  | $\frac{1}{6}$ to $\frac{1}{4}$ gr....   | 0.004 to 0.015 gm.   |
| ext. fl .....         | 1 to 5 min....                          | 0.06 to 0.30 c.c.    |
| Phytolaccæ ext.....   | $\frac{1}{3}$ to 5 gr....               | 0.02 to 0.30 gm.     |
| ext. fl.....          | 5 to 60 min..                           | 0.30 to 4 c.c.       |
| tinct .....           | 10 to 60 min..                          | 0.60 to 4 c.c.       |
| Picrotoxin .....      | $\frac{1}{60}$ to $\frac{1}{20}$ gr.... | 0.0006 to 0.003 gm.  |
| Pilocarpus .....      | $\frac{1}{8}$ to $\frac{1}{4}$ gr....   | 0.008 to 0.015 gm.   |
| ext. fl.....          | 10 to 40 min..                          | 0.60 to 2.40 c.c.    |
| hydrochlorate.....    | $\frac{1}{6}$ to $\frac{1}{2}$ gr....   | 0.008 to 0.03 gm.    |
| Pil aloes .....       | 1 to 3 pills.                           |                      |
| aloes et asafœt....   | 2 to 5 pills.                           |                      |
| aloes et ferri....    | 1 to 3 pills                            |                      |
| aloes et mast....     | 1 to 3 pills                            |                      |
| aloes et myrrhae..    | 2 to 5 pills.                           |                      |
| antim comp.....       | 1 to 3 pills.                           |                      |
| asafeetida .....      | 1 to 6 pills.                           |                      |
| cathart. comp....     | 1 to 4 pills.                           |                      |
| ferri comp.....       | 2 to 5 pills.                           |                      |
| ferri iodidi.....     | 1 to 4 pills.                           |                      |
| galbani comp ....     | 1 to 5 pills.                           |                      |
| opii .....            | 1 to 2 pills.                           |                      |
| plumb et opii acet.   | 1 to 2 pills.                           |                      |
| phosphori.....        | 1 to 4 pills.                           |                      |
| rhei .....            | 2 to 5 pills.                           |                      |
| rhei comp.....        | 2 to 5 pills.                           |                      |
| Pimenta.....          | 10 to 40 gr....                         | 0.60 to 2.40 gm.     |
| oil.....              | 2 to 5 min....                          | 0.12 to 0.30 c.c.    |
| Piper.....            | 5 to 20 gr....                          | 0.30 to 1.20 gm.     |
| oil.....              | $\frac{1}{4}$ to 1 min...               | 0.015 to 0.06 c.c.   |
| Piperina.....         | 1 to 10 gr....                          | 0.06 to 0.60 gm.     |
| Piscidiæ ext. fl..... | $\frac{1}{2}$ to 1 fl. dr...            | 2 to 4 c.c.          |
| Pix liquida.....      | 15 to 60 min..                          | 1 to 4 c.c.          |
| Piceis liq. aq.....   | 2 to 4 fl. oz...                        | 64 to 128 c.c.       |
| oleum.....            | locally and as inhalation.              |                      |
| syr.....              | 1 to 4 fl. dr...                        | 4 to 16 c.c.         |
| Plumbi acetas.....    | 2 to 5 gr.....                          | 0.12 to 0.30 gm.     |
| iodid.....            | $\frac{1}{5}$ to 2 gr.....              | 0.012 to 0.12 gm.    |
| nitas.....            | $\frac{1}{4}$ to $\frac{1}{2}$ gs...    | 0.015 to 0.03 gm.    |
| Podophyllum .....     | 10 to 30 gr....                         | 0.60 to 1.20 gm.     |
| ext.....              | 3 to 10 gr....                          | 0.18 to 0.60 gm.     |
| ext. fl.....          | 5 to 20 min...                          | 0.30 to 1.20 c.c.    |
| resina.....           | $\frac{1}{4}$ to $\frac{1}{2}$ gr....   | 0.015 to 0.03 gm.    |
| Polytrichum juniper-  |   |                      |
| inum ext. fl.(di-     |   |                      |
| uretic.....           | 1 to 2 fl. dr...                        | 4 to 8 c. c.         |
| Potassæ liq.....      | 15 to 30 min..                          | 1 to 2 c.c.          |

# DOSE TABLE.

| <i>Remedies.</i>         | <i>Apothecaries'</i><br><i>w'ts and meas.</i> | <i>Metric terms.</i> |
|--------------------------|---|----------------------|
| Potassii acetas .....    | 5 to 60 gr.....                               | 0.30 to 4 gm.        |
| bicarb.....              | 15 to 60 gr.....                              | 1 to 4 gm.           |
| bichromat.....           | $\frac{1}{5}$ gr.....                         | 0.0013 gm.           |
| bitart .....             | $\frac{1}{2}$ to 4 dr.....                    | 2 to 16 gm.          |
| bromid.....              | 10 to 40 gr.....                              | 0.60 to 2.40 gm.     |
| carb.....                | 5 to 15 gr.....                               | 0.30 to 1 gm.        |
| chloras.....             | 5 to 15 gr.....                               | 0.30 to 1 gm.        |
| ciras .....              | 10 to 30 gr.....                              | 0.60 to 2 gm.        |
| cit. liq.....            | 2 to 8 fl. dr....                             | 8 to 32 c.c.         |
| cyanid .....             | $\frac{1}{2}$ to $\frac{1}{8}$ gr....         | 0.005 to 0.008 gm.   |
| et sod. tartr.....       | 3 to 8 dr.....                                | 12 to 32 gm.         |
| iodid.....               | 2 to 10 gr.....                               | 0.10 to 0.60 gm.     |
| nitras .....             | 5 to 20 gr.....                               | 0.30 to 1.20 gm.     |
| permang .....            | $\frac{1}{8}$ to $\frac{1}{2}$ gr....         | 0.008 to 0.03 gm.    |
| sulphas .....            | 10 to 30 gr.....                              | 0.60 to 2 gm.        |
| sulphis.....             | 10 to 60 gr.....                              | 0.60 to 4 gm.        |
| sulphurat .....          | 2 to 10 gr.....                               | 0.12 to 0.60 gm.     |
| tartras .....            | $\frac{1}{2}$ to 4 dr.....                    | 2 to 16 gm.          |
| Prinos.....              | 30 to 60 gr.....                              | 2 to 4 gm.           |
| Propylamina .....        | 8 to 15 gr.....                               | 0.50 to 1 gm.        |
| Prun. virg. ext. fl..... | $\frac{1}{2}$ to 1 fl. dr..                   | 2 to 4 c.c.          |
| syr.....                 | 1 to 4 fl. dr....                             | 4 to 16 c.c.         |
| Pulsatillæ ext. fl.(ane- |   |                      |
| mone puls.alter-         |   |                      |
| ative) .....             | 10 to 30 min..                                | 0.60 to 2 c.c.       |
| Pulv. antimonial.....    | 3 to 8 gr.....                                | 0.18 to 4.80 gm.     |
| aromatic .....           | 8 to 30 gr.....                               | 4.80 to 2 gm.        |
| catechu co.....          | 10 to 30 gr.....                              | 0.60 to 2 gm.        |
| cretae arom.....         | 10 to 60 gr....                               | 0.60 to 4 gm.        |
| cret. arom.c. opio.      | 10 to 20 gr....                               | 0.60 to 1.20 gm.     |
| glycyrrh co.....         | 20 to 60 gr....                               | 1.20 to 4 gm.        |
| ipecac et opii.....      | 5 to 10 gr.....                               | 0.30 to 0.60 gm.     |
| jalap co.....            | 30 to 60 gr....                               | 2 to 4 gm.           |
| kino co.....             | 5 to 20 gr.....                               | 0.30 to 1.20 gm.     |
| morp. co.....            | 8 to 12 gr.....                               | 0.48 to 0.72 gm.     |
| opii co.....             | 5 to 10 gr.....                               | 0.30 to 0.60 gm.     |
| rbei co.....             | 5 to 30 gr.....                               | 0.30 to 2 gm.        |
| scammon co.....          | 10 to 20 gr....                               | 0.60 to 1.20 gm.     |
| tragacanth co .....      | 20 to 60 gr....                               | 1.20 to 4 gm.        |
| Quassiae ext.....        | 1 to 5 gr.....                                | 0.06 to 0.30 gm.     |
| ext. fl.....             | $\frac{1}{2}$ to 1 dr....                     | 2 to 4 c.c.          |
| tinct.....               | $\frac{1}{2}$ to 1 fl. dr..                   | 2 to 4 c.c.          |
| Quebracho ext.....       | 2 to 8 gr.....                                | 0.12 to 0.48 gm.     |
| ext. fl.....             | 5 to 60 min.                                  | 0.30 to 4 c.c.       |
| tinct .....              | 1 to 4 fl. dr....                             | 4 to 16 c.c.         |
| vinum.....               | 1 to 8 fl. dr....                             | 4 to 32 c.c.         |

# DOSE TABLE.

| <i>Remedies.</i>               | <i>Apothecaries' w'ts and meas.</i> | <i>Metric terms.</i> |
|--------------------------------|-------------------------------------|----------------------|
| Quinina.....                   | 1 to 20 gr.....                     | 0.06 to 1.20 gm.     |
| bisulphas .....                | 1 to 30 gr.....                     | 0.06 to 2 gm.        |
| bromid.....                    | 1 to 5 gr.....                      | 0.06 to 0.30 gm.     |
| hydrobromas.....               | 1 to 20 gr.....                     | 0.06 to 1.20 gm.     |
| hydrochloras.....              | 1 to 20 gr.....                     | 0.06 to 1.20 gm.     |
| sulph.....                     | 2 to 20 gr.....                     | 0.12 to 1.20 gm.     |
| salicyl.....                   | 5 to 15 gr.....                     | 0.30 to 1 gm.        |
| tinct.....                     | 1 to 1½ fl. dr.....                 | 4 to 6 c.c.          |
| tinct. amm.....                | ½ to 2 fl. dr.....                  | 2 to 8 c.c.          |
| valer.....                     | 1 to 3 gr.....                      | 0.06 to 0.18 gm.     |
| Quinidinæ sulph.....           | 2 to 20 gr.....                     | 0.12 to 1.20 gm.     |
| Quinquinina.....               | 2 to 10 gr.....                     | 0.12 to 0.60 gm.     |
| Resorcinum.....                | 5 to 15 gr.....                     | 0.30 to 1 gm.        |
| Rhamnus frangula ext.          |                                     |                      |
| fl. (buckthorn bark) aperient. | 1 to 2 fl. dr.....                  | 4 to 8 c.c.          |
| Resina copaibæ.....            | 5 to 15 gr.....                     | 0.30 to 1 gm.        |
| jalap.....                     | 2 to 5 gr.....                      | 0.12 to 0.30 gm.     |
| podyphylli.....                | ½ to ½ gr.....                      | 0.065 to 0.03 gm.    |
| scammon.....                   | 4 to 8 gr.....                      | 0.24 to 0.48 gm.     |
| Rheum.....                     | 1 to 30 gr.....                     | 0.06 to 2 gm.        |
| Rhei ext.....                  | 3 to 10 gr.....                     | 0.18 to 0.60 gm.     |
| ext. fl.....                   | ½ to 2 fl. dr.....                  | 2 to 8 c.c.          |
| et sodæ mist.....              | 1 to 8 fl. dr.....                  | 4 to 32 c.c.         |
| pil. com.....                  | 5 to 10 gr.....                     | 0.30 to 0.60 gm.     |
| pulv. com.....                 | 30 to 60 gr.....                    | 2 to 4 gm.           |
| syr.....                       | 1 to 4 fl. dr.....                  | 4 to 16 c.c.         |
| syr. arom.....                 | 1 to 4 fl. dr.....                  | 4 to 16 c.c.         |
| tinct.....                     | 1 to 4 fl. dr.....                  | 4 to 16 c.c.         |
| tinct. arom.....               | ½ to 1 fl. dr.....                  | 2 to 4 c.c.          |
| tinct. dulcis.....             | 2 to 3 fl. dr.....                  | 8 to 12 c.c.         |
| vinum.....                     | 1 to 2 fl. dr.....                  | 4 to 8 c.c.          |
| Rhus glabra ext. fl.....       | 1 to 2 fl. dr.....                  | 4 to 8 c.c.          |
| Ricini com. ext. fl.....       | 1 to 2 fl. dr.....                  | 4 to 8 c.c.          |
| Rosæ syr.....                  | 1 to 2 fl. dr.....                  | 4 to 8 c.c.          |
| Sabadilla.....                 | 4 to 6 gr.....                      | 0.25 to 0.36 gm.     |
| Sabina.....                    | 4 to 6 gr.....                      | 0.25 to 0.36 gm.     |
| ext. fl.....                   | 5 to 15 min.....                    | 0.30 to 1 c.c.       |
| oleum.....                     | 1 to 5 min.....                     | 0.06 to 0.30 c.c.    |
| tinct.....                     | 20 to 60 min.....                   | 1.20 to 4 c.c.       |
| Salicinum.....                 | 10 to 30 gr.....                    | 0.60 to 1.80 gm.     |
| Salicylicum acidum.....        | 5 to 60 gr.....                     | 0.30 to 4 gm.        |
| Salol.....                     | 5 to 30 gr.....                     | 0.30 to 2 gm.        |
| Sanguinaria.....               | 10 to 20 gr.....                    | 0.60 to 1.20 gm.     |
| acetum.....                    | 10 to 40 min.....                   | 0.60 to 2.40 c.c.    |
| ext. fl.....                   | 1 to 5 min.....                     | 0.06 to 0.30 c.c.    |
| tinct.....                     | 1 to 3 fl. dr.....                  | 4 to 12 c.c.         |

# DOSE TABLE.

| <i>Remedies.</i>     | <i>Apothecaries'</i><br><i>w'ts and meas.</i> | <i>Metric terms.</i> |
|----------------------|---|----------------------|
| Santali oleum.....   | 10 to 30 min..                                | 0.60 to 2 c.c.       |
| Sautonica.....       | 10 to 40 gr....                               | 0.60 to 2.40 gm.     |
| Santoninum .....     | $\frac{1}{4}$ to 2 gr....                     | 0.015 to 0.12 gm.    |
| Sarsap. ext. fl..... | $\frac{1}{2}$ to 1 fl. dr...                  | 2 to 4 c.c.          |
| ext. fl. com.....    | 30 to 60 min..                                | 2 to 4 c.c.          |
| syr. comp.....       | 1 to 4 fl. dr...                              | 4 to 16 c.c.         |
| Sassafras oleum..... | 1 to 4 min....                                | 0.06 to 0.24 c.c.    |
| Scammonium .....     | 4 to 10 gr. ....                              | 0.25 to 0.60 gm.     |
| Scammonii conf.....  | 10 to 30 gr....                               | 0.60 to 1.80 gm.     |
| resina.....          | 4 to 8 gr....                                 | 0.25 to 0.50 gm.     |
| Scilla.....          | 1 to 2 gr....                                 | 0.06 to 0.12 gm.     |
| acetum.....          | 15 to 40 min..                                | 1 to 2.40 c.c.       |
| ext. fl.....         | 1 to 5 min....                                | 0.06 to 0.30 c.c.    |
| syr.....             | 1 to 2 fl. dr...                              | 4 to 8 c.c.          |
| syr. comp.....       | 10 to 30 min..                                | 0.60 to 2 c.c.       |
| tinct .....          | 5 to 30 min...                                | 0.30 to 2 c.c.       |
| Scoparius.....       | 10 to 15 gr....                               | 0.60 to 1 gm.        |
| Senega.....          | 10 to 20 gr....                               | 0.60 to 1.30 gm.     |
| ext.....             | 1 to 3 gr....                                 | 0.06 to 0.18 gm.     |
| ext. fl.....         | 5 to 15 min...                                | 0.30 to 1 c.c.       |
| tinct .....          | $\frac{1}{2}$ to 2 fl. dr...                  | 2 to 8 c.c.          |
| syr.....             | 1 to 2 fl. dr...                              | 4 to 8 c.c.          |
| syr. co.....         | 20 to 30 min..                                | 1.20 to 2 c.c.       |
| Senna.....           | 10 to 60 gr....                               | 0.60 to 4 gm.        |
| conf.....            | 1 to 2 dr.....                                | 4 to 8 gm.           |
| ext. fl.....         | 1 to 4 fl. dr...                              | 4 to 16 c.c.         |
| syr.....             | $\frac{1}{2}$ to 2 fl. dr...                  | 2 to 8 c.c.          |
| tinct .....          | 2 to 4 fl. dr...                              | 8 to 16 c.c.         |
| Serpentaria .....    | 10 to 15 gr....                               | 0.60 to 0.90 gm.     |
| ext. fl.....         | 15 to 30 min..                                | 1 to 2 c.c.          |
| tinct .....          | $\frac{1}{2}$ to 2 fl. dr...                  | 2 to 8 c.c.          |
| Sodii acetas.....    | 15 to 60 gr....                               | 1 to 4 gm.           |
| arsenias.....        | $\frac{1}{16}$ to $\frac{1}{8}$ gr...         | 0.004 to 0.008 gm.   |
| benzoas.....         | 10 to 60 gr....                               | 0.60 to 4 gm.        |
| bicarb.....          | 10 to 60 gr....                               | 0.60 to 4 gm.        |
| bisulphis.....       | 10 to 20 gr....                               | 0.60 to 1.20 gm.     |
| boras.....           | 30 to 40 gr...                                | 2 to 2.40 gm.        |
| bromid.....          | 10 to 60 gr....                               | 0.60 to 4 gm.        |
| carb.....            | 10 to 30 gr....                               | 0.60 to 2 gm.        |
| carb. exsic.....     | 5 to 20 gr....                                | 0.30 to 1.20 gm.     |
| chloras.....         | 5 to 30 gr....                                | 0.30 to 2 gm.        |
| hypophosphis .....   | 5 to 30 gr....                                | 0.30 to 2 gm.        |
| hyposulphis.....     | 10 to 20 gr....                               | 0.60 to 1.20 gm.     |
| iodid.....           | 5 to 15 gr....                                | 0.30 to 1 gm.        |
| phosphas.....        | $\frac{1}{2}$ to 8 dr....                     | 2 to 32 gm.          |
| sulphas .....        | $\frac{1}{4}$ to 8 dr....                     | 1 to 32 gm.          |

# DOSE TABLE.

## *Apothecaries'*

### *Remedies. w'ts and meas. Metric terms.*

|                                  |                     |                    |
|----------------------------------|---------------------|--------------------|
| Sodii sulphis.....               | 10 to 30 gr.....    | 0.60 to 1.80 gm.   |
| Sparteinæ sulph.....             | ½ to 2 gr.....      | 0.03 to 0.12 gm.   |
| Spigeliae ext. fl.....           | 10 to 120 min.      | 0.60 to 8 c.c.     |
| Spir. ætheris com.....           | 30 to 60 min..      | 2 to 4 c.c.        |
| ætheris nitros.....              | 30 to 120 min.      | 2 to 8 c.c.        |
| amm.....                         | 10 to 30 min..      | 0.60 to 2 c.c.     |
| amm. arom.....                   | 20 to 60 min.       | 1.20 to 4 c.c.     |
| camphoræ.....                    | 10 to 30 min..      | 0.60 to 2 c.c.     |
| chloroformi.....                 | 15 to 60 min..      | 1 to 4 c.c.        |
| cinnamomi.....                   | 10 to 20 min.       | 0.60 to 1.20 c.c.  |
| gaultheriae.....                 | ½ to 2 fl. dr.      | 2 to 8 c.c.        |
| juniperi.....                    | 30 to 60 min..      | 2 to 4 c.c.        |
| juniperi com.....                | 1 to 4 fl. dr.      | 4 to 16 c.c.       |
| lavandulæ.....                   | 30 to 60 min..      | 2 to 4 c.c.        |
| lavandulæ com....                | 30 to 60 min..      | 2 to 4 c.c.        |
| menthae piperitæ.....            | 10 to 30 min..      | 0.60 to 2 c.c.     |
| menthae viridis.....             | 10 to 40 min..      | 0.60 to 2.40 c.c.  |
| myristicæ.....                   | 30 to 60 min..      | 2 to 4 c.c.        |
| Stillingia ext. fl.....          | ½ to 1 fl. dr.      | 2 to 4 c.c.        |
| ext.....                         | 5 to 30 gr.....     | 0.30 to 2 gm.      |
| tinct.....                       | ½ to 2 fl. dr.      | 2 to 8 c.c.        |
| syr. comp.....                   | 1 to 4 fl. dr.      | 4 to 16 c.c.       |
| Straimouii fol.....              | 2 to 20 gr.....     | 0.12 to 1.20 gm.   |
| sem.....                         | 1 gr .....          | 0.06 gm.           |
| fol. ext.....                    | ¼ to ½ gr...        | 0.015 to 0.03 gm.  |
| sem. ext.....                    | ¼ to ½ gr...        | 0.015 to 0.03 gm.  |
| fol. tinct.....                  | 10 to 20 min..      | 0.60 to 1.20 c.c.  |
| sem. tinct.....                  | 10 to 20 min..      | 1.60 to 1.20 c.c.  |
| Strychnina.....                  | ¹/₄ to ¹/₂ gr. .... | 0.001 to 0.003 gm. |
| acet.....                        | ¹/₄ to ¹/₂ gr. .... | 0.001 to 0.003 gm. |
| nit.....                         | ¹/₄ to ¹/₂ gr. .... | 0.001 to 0.003 gm. |
| sulph.....                       | ¹/₄ to ¹/₂ gr. .... | 0.001 to 0.003 gm. |
| Sulphur præcipit.....            | ½ to 2 dr.....      | 2 to 8 gm.         |
| subl.....                        | ½ to 4 dr.....      | 2 to 16 gm.        |
| lotum.....                       | ½ to 2 dr.....      | 2 to 8 gm.         |
| Snmbul ext. fl.....              | 10 to 30 min.       | 0.60 to 2 c.c.     |
| tinct.....                       | 15 to 30 min.       | 1 to 2 c.c.        |
| Syr. acid hydriodic.....         | 20 to 60 min..      | 1.20 to 4 c.c.     |
| althaeæ.....                     | 1 to 4 fl. dr...    | 4 to 16 c.c.       |
| aurant flor.....                 | 1 fl. dr .....      | 4 c.c.             |
| calcii lactophos...              | 1 to 4 fl. dr...    | 4 to 16 c.c.       |
| calcis.....                      | 1 fl. dr.....       | 4 c.c.             |
| chloral.....                     | 2 fl. dr.....       | 8 c.c.             |
| ferri bromid.....                | ½ to 1 fl. dr..     | 2 to 4 c.c.        |
| ferri iodid.....                 | 15 to 30 min..      | 1 to 2 c.c.        |
| ferri quin et<br>strych. ph..... | 1 fl. dr.....       | 4 c.c.             |

# DOSE TABLE.

| <i>Remedies.</i>        | <i>Apothecaries' w'ts and meas.</i> | <i>Metric terms.</i> |
|-------------------------|-------------------------------------|----------------------|
| Syr. hypophosph.....    | 1 to 2 fl. dr....                   | 4 to 8 c.c.          |
| ipecac.....             | 5 to 60 min....                     | 0.30 to 4 c.c.       |
| krameriae.....          | ½ to 2 fl. dr..                     | 2 to 8 c.c.          |
| lactucarii.....         | 1 to 2 fl. dr....                   | 4 to 8 c.c.          |
| picis liquidæ.....      | 1 to 2 fl. dr....                   | 4 to 8 c.c.          |
| prun. virg.....         | 1 to 4 fl. dr....                   | 4 to 16 c.c.         |
| rhei .....              | 1 to 4 fl. dr....                   | 4 to 16 c.c.         |
| rhei arom.....          | 1 to 2 fl. dr....                   | 4 to 8 c.c.          |
| rubi.....               | 1 to 2 fl. dr....                   | 4 to 8 c.c.          |
| sarsap. com.....        | 1 to 4 fl. dr....                   | 4 to 16 c.c.         |
| scillæ .....            | 1 to 2 fl. dr....                   | 4 to 8 c.c.          |
| scillæ com.....         | .15 to 60 min..                     | 1 to 4 c.c.          |
| senegæ.....             | 1 to 2 fl. dr....                   | 4 to 8 c.c.          |
| sennæ.....              | 1 to 2 fl. dr....                   | 4 to 8 c.c.          |
| tolntani .....          | 1 to 2 fl. dr....                   | 4 to 8 c.c.          |
| zingiberis .....        | 1 to 4 fl. dr. ....                 | 4 to 16 c.c.         |
| Tabacum.....            | 5 to 6 gr.....                      | 0.30 to 0.36 gm.     |
| vinum .....             | 5 to 60 min....                     | 0.30 to 4 c.c.       |
| Tamarindus.....         | 1 to 8 dr.....                      | 4 to 32 gm.          |
| Tanacetum.....          | .30 to 60 gr....                    | 2 to 4 gm.           |
| Taraxici ext.....       | 5 to 30 gr.....                     | 0.30 to 2 gm.        |
| ext. fl.....            | 1 to 3 fl. dr..                     | 4 to 12 c.c.         |
| Terebinthina canaden-   |                                     |                      |
| sis .....               | 10 to 20 gr....                     | 0.60 to 1.20 gm.     |
| Terebinthinae oleum..   | 5 to 30 min....                     | 0.30 to 2 c.c.       |
| Terebene.....           | 5 to 20 min....                     | 0.30 to 1.20 c.c.    |
| Terpine hydrate.....    | 5 to 10 gr....                      | 0.30 to 0.60 gm.     |
| Terpinol .....          | 2 to 5 gr.....                      | 0.12 to 0.30 gm.     |
| Thallin.....            | 3 to 5 gr.....                      | 0.18 to 0.30 gm.     |
| Theia .....             | 1 to 2 gr.....                      | 0.06 to 0.12 gm.     |
| Thymol .....            | ½ to 2 gr....                       | 0.03 to 0.12 gm.     |
| Tiglii oleum.....       | ½ to 2 min....                      | 0.02 to 0.12 c.c.    |
| Tolutani syr.....       | 1 to 2 fl. dr....                   | 4 to 8 c.c.          |
| tinct .....             | 15 to 60 min..                      | 1 to 4 c.c.          |
| Trifol pratense ext.fl. |                                     |                      |
| (red clover)....        | ½ to 1 fl. dr..                     | 2 to 4 c.c.          |
| Trinitrin .....         | See Nitroglycerine.                 |                      |
| Triticum repens ext.fl. | 1 to 4 fl. dr....                   | 4 to 16 c.c.         |
| Uva ursi.....           | 10 to 30 gr....                     | 0.60 to 2 gm.        |
| ext. fl.....            | 30 to 60 min..                      | 2 to 4 c.c.          |
| Valeriana .....         | 10 to 30 gr....                     | 0.60 to 2 gm.        |
| abstr .....             | 5 to 20 gr....                      | 0.30 to 1.20 gm.     |
| ext.....                | 10 to 30 gr....                     | 0.60 to 2 gm.        |
| ext. fl.....            | 10 to 30 min..                      | 0.60 to 2 c.c.       |
| oleum.....              | 1 to 5 min....                      | 0.06 to 0.30 c.c.    |
| tinct .....             | 1 to 2 fl. dr....                   | 4 to 8 c.c.          |
| tinct. amm.....         | ½ to 2 fl. dr..                     | 2 to 8 c.c.          |

# DOSE TABLE.

| <i>Remedies.</i>                          | <i>Apothecaries'</i><br><i>w'ts and meas.</i> | <i>Metric terms.</i> |
|---|---|----------------------|
| Veratrina .....                           | $\frac{1}{5}$ to $\frac{1}{10}$ gr....        | 0.0012 to 0.006 gm.  |
| Verat. vir. ext. fl.....                  | 1 to 4 min ..                                 | 0.06 to 0.24 c.c.    |
| tinct .....                               | 2 to 10 min...                                | 0.12 to 0.60 c.c.    |
| Viburni prunif. ext. fl.                  | $\frac{1}{2}$ to 2 fl. dr..                   | 2 to 8 c.c.          |
| Vinum aloes.....                          | 1 to 8 fl. dr..                               | 4 to 32 c.c.         |
| antimonii .....                           | 10 to 30 min..                                | 0.60 to 2 c.c.       |
| colchici rad.....                         | 10 to 60 min                                  | 0.60 to 4 c.c.       |
| sem.....                                  | $\frac{1}{2}$ to 2 fl. dr..                   | 2 to 8 c.c.          |
| ergotæ .....                              | 1 to 4 fl. dr..                               | 4 to 16 c.c.         |
| ferri amar.....                           | 2 to 4 fl. dr..                               | 8 to 16 c.c.         |
| citrat .....                              | 1 fl. dr. ....                                | 4 c.c.               |
| ipecacuanhæ .....                         | 10 to 60 min..                                | 0.60 to 4 c.c.       |
| opii .....                                | 15 to 20 min..                                | 1 to 1.20 c.c.       |
| quininæ.....                              | 4 to 8 fl. dr..                               | 16 to 32 c.c.        |
| rhei .....                                | 1 to 4 fl. dr..                               | 4 to 16 c.c.         |
| Viscum alb. ext. fl.<br>(mistletoe) ..... | $\frac{1}{2}$ to 1 fl. dr..                   | 2 to 4 c.c.          |
| Xanthoxylum.....                          | 10 to 30 gr....                               | 0.60 to 2 c.c.       |
| ext. fl.....                              | $\frac{1}{2}$ to 1 fl. dr..                   | 2 to 4 c.c.          |
| Yerba santa ext. fl.....                  | $\frac{1}{2}$ to 1 fl. dr..                   | 2 to 4 c.c.          |
| Zinci acet.....                           | $\frac{1}{2}$ to 2 gr....                     | 0.03 to 0.12 gm.     |
| carb.....                                 | 2 to 5 gr.....                                | 0.12 to 0.30 gm.     |
| chlorid .....                             | $\frac{1}{2}$ to 2 gr....                     | 0.03 to 0.12 gm.     |
| oxid.....                                 | 2 to 10 gr....                                | 0.12 to 0.60 gm.     |
| phosphid.....                             | $\frac{1}{5}$ to $\frac{1}{25}$ gr....        | 0.0012 to 0.003 gm.  |
| sulph. ton .....                          | $\frac{1}{4}$ to 2 gr....                     | 0.015 to 0.12 gm.    |
| emet .....                                | 10 to 30 gr....                               | 0.60 to 2 gm.        |
| valer.....                                | 1 to 3 gr.....                                | 0.06 to 0.18 gm.     |
| Zingiber.....                             | 10 to 20 gr....                               | 0.60 to 1.20 gm.     |
| ext. fl.....                              | 10 to 30 min..                                | 0.60 to 2 c.c.       |
| oleoresina.....                           | $\frac{1}{2}$ to 1 min... .                   | 0.03 to 0.06 c.c.    |
| syr.....                                  | 1 to 4 fl. dr..                               | 4 to 16 c.c.         |
| tinct .....                               | 10 to 60 min..                                | 0.60 to 4 c.c.       |
| tinct. fort.....                          | 5 to 20 min... .                              | 0.30 to 1.20 c.c.    |

## CENTIMETERS AND MILLIMETERS.



### METRIC FLUID MEASURES.

When using the metric system, fluids are preferably prescribed by weight, employing the gram, its multiples and subdivisions, just the same as with solids, thus avoiding the errors due to refraction, adhesion and inaccurate measuring vessels. For practical purposes four grams of water may be regarded as equivalent to a fluid drachm of that liquid, and the same may be considered true of tinctures and infusions; syrups, on the average, are about one-third heavier than water, so that a fluid ounce of a syrup will be approximately represented by 43 grams. If preferred, however, fluids may be prescribed by volume in the metric, just as in the present system, using for that purpose the *Cubic Centimeter*, that is, a volume represented by a cube all of whose sides measure one centimeter. An ordinary back-gammon die is usually about this size. One cubic centimeter (written 1 C. C.) = 16.231 minimis. It is approximately regarded as one-fourth of a fluid drachm.

| Centigrade Scale. | Fahrenheit Scale. |
|-------------------|-------------------|
| 45°               | 113°              |
| 44°               | 112°              |
| 43°               | 110°              |
| 42°               | 109°              |
| 41°               | 108°              |
| 40°               | 107°              |
| 39°               | 106°              |
| 38°               | 105°              |
| 37°               | 104°              |
| 36°               | 103°              |
| 35°               | 102°              |
|                   | 101°              |
|                   | 100°              |
|                   | 99°               |
|                   | 98°               |
|                   | 97°               |
|                   | 96°               |
|                   | 95°               |

## DOSE TABLE.

### ARTIFICIAL RESPIRATION AND TREATMENT OF ASPHYXIA.

Before commencing artificial respiration it should be seen that no foreign body or mucous is clogging the mouth, throat or nose, and that the neck is not restricted by the clothing, in order that the air may have free passage to the lungs. The tongue should be drawn out of the mouth. There are two methods in common use:

The **Sylvester** or physiological method is by far the best. Lay the person to be treated upon the back, then kneeling behind the head, seize each arm near the elbow and move them lying horizontally first away from the body then over the head until they meet above, when they should be given a steady pull for a few seconds; by this means the lungs are filled with air by the drawing up of the ribs, thus enlarging the cavity of the chest. The second movement consists in returning the arms to their former position alongside of the chest, making strong pressure against the lower ribs so as to drive the air out of the chest, and thus affect expiration. This should occupy but a second of time, and should be repeated about sixteen times in a minute, never being abandoned until it has certainly been ascertained that the heart has ceased to beat.

The **Marshall Hall's** method is as follows: Place the patient on his face and turn the body gently but completely on the side and a little beyond, then again to the face, and so on alternately, repeating this movement deliberately and perseveringly fifteen times only in a minute. (When the patient lies on the thorax this cavity is depressed by the weight of the body and expiration takes place. When he is turned on his side this pressure is removed and inspiration occurs.)

In the treatment of **Asphyxia from Drowning**, the patient should be raised with his head held downward for a moment to allow the water to run from the lungs, at the same time commencing artificial respiration. All wet clothing should be removed, the patient wrapped in blankets, and hot bottles be placed at the feet and epigastrium. Hypodermies of whisky, atropine, strychnine, coffee or caffeine, may be given. Ammonia may be placed to the nostrils to assist respiration. Apply electricity if possible. The fauces may be tickled with a feather, cold water may be thrown in the face, and the surface of the body may be slapped vigorously.

## DOSE TABLE.

Artificial respiration should be commenced at once and continued until the patient breathes freely, and should not be discontinued under an hour.

**Asphyxia from Carbonic Acid Gas.** The patient should be removed at once from the room where the poisoning has occurred, into the fresh air. Hypodermic injections of atropine, strychnine and whisky should be given. Electricity should be applied immediately and continuously. The body should be slapped vigorously, hot bottles should be placed at the feet and epigastrum. Artificial respiration should be performed in the manner indicated above, removing all articles of clothing that would interfere with breathing. Oxygen may be inhaled.

---

## POISONS AND THEIR ANTIDOTES.

**Acids—Mineral or Vegetable.**—Administer magnesia or chalk freely, with milk, or a strong solution of soap; demulcent drinks; baths; cataplasms; stimulants in collapse.

**Aconite.**—Active emetics at once; stomach pump. Never use emetics or apomorphia hypodermatically in these cases. Digitalis, physiological antidote. Stimulants.

**Alcohol.**—Evacuate stomach; cold affusion; inhalation of ammonia, or give hypodermatically.

**Alkalies.**—In a recent case, stomach pump, washing out the stomach gently with warm water; demulcent or mucilaginous drinks. Do not employ chemical antidotes.

**Antimony (*tartar emetic.*)**—In recent cases, stomach pump carefully and gently; demulcent drinks; infusion of galls, oak or cinchona bark, or the galls and bark in powder; stimulation in prostration.

**Arsenic.**—Emetics and stomach pump at once. Hydrated peroxide of iron in doses of one-half ounce frequently repeated, until relieved. Dialyzed iron may be used; demulcent drinks; whisky, etc., hypodermatically; food per rectum.

**Belladonna (*atropine*).**—Emetics or stomach pump; tannic acid and mucilaginous drinks. Physiological antidote, morphia, administered subcutaneously until pupils commence to contract.

**Bismuth Subnitrate.**—Milk, sugar, albumen and mucilaginous drinks.

## DOSE TABLE.

**Cannabis Indica.**—Evacuate stomach and give stimulants and electricity.

**Camphor.**—Emetics, stimulants, wine, opium.

**Cantharides.**—Stomach pump or emetics; demulcent drinks; morphia internally; sweet oil, one-half ounce, every hour for six hours.

**Carbolic Acid.**—Stomach pump and stimulating enemata; sweet oil.

**Chloral Hydrate.**—Keep body warm; artificial respiration; stomach pump; strychnia hypodermatically with whisky, caffein and ammonia; electricity; strong coffee.

**Chloroform.**—Invert the body with tongue well out and forward; artificial respiration; electricity; inhalation of oxygen.

**Colchicum.**—Emetics or stomach pump; stimulants; demulcents; castor oil; opium, strychnia, digitalis and whisky hypodermatically.

**Conium.**—Emesis; electricity; digitalis, whisky and strychnia hypodermatically.

**Copper Salts.**—Free emesis, aided by warm mucilaginous drinks; whites of four eggs every hour; milk.

**Corrosive Sublimate (hydrarg. chlor. corrosiv.)**—Free emesis, aided by warm drinks; if stomach pump is used exercise great care. Antidote, whites of eggs mixed with flour and water; milk; sweet oil; morphia and whisky hypodermatically, if necessary.

**Creasote.**—Stomach pump or emetics; demulcent drinks, freely.

**Croton Oil.**—Emetics; mucilaginous drinks; opium.

**Digitalis.**—Emetics or stomach pump; vegetable infusions containing tannic acid or tannic acid in solution; stimulants; ether; demulcent drinks; astringents; opium internally.

**Ether, Vapor of.**—Cold affusion; exposure to current air; artificial respiration; electricity.

**Hydrocyanic Acid (Prussic Acid.)**—Treat immediately; artificial respiration; cold douche; inhalation of oxygen; electricity; whisky and strychnia subcutaneously; mixture of protosulphate and sesquisulphate of iron followed by carbonate of potassium.

**Iodine.**—Starch or flour in water.

**Lead Salts.**—Sulphate of zinc producing vomiting; stomach pump; milk and eggs freely; demulcents; opiated drinks; solution of sulphate of magnesia or of soda; castor oil.

**Lobelia.**—Emetics or stomach pump; stimulants; purgatives.

## DOSE TABLE.

**Mushrooms.**—Emetics; stimulants; morphia subcutaneously; chloroform in one-half drachm doses until symptoms are relieved.

**Opium and its preparations.**—Emetics or stomach pump at once; atropia hypodermatically and freely until the pupils dilate; strong coffee; rectal injections of the fluid extract of coffee; flagellation; cold douche; electricity; inhalation of oxygen; keep the patient moving.

**Phosphorus.**—Emetics, especially sulphate of copper; stomach pump; turpentine is said to be a good antidote; water with whites of eggs or magnesia; stimulants hypodermatically; demulcent drinks. *Avoid oils.*

**Rhus Toxicodendron (Poison Oak).**—Apply strong solution of sulphate of zinc to the affected parts or an aqueous solution of bichloride of mercury, on bandages of lint or linen.

**Shell Fish.**—Evacuate stomach quickly and the bowels; then administer chloroform in one-half drachm doses. Cayenne pepper is useful.

**Strychnia.**—Emetics or stomach pump at once; emetics of warm water and mustard or ipecac or sulphate of zinc can be used; inhalation of chloroform; bromide of potassium in large doses; hydrate of chloral; stimulants if necessary; morphia; rectal injections of tobacco.

**Tobacco.**—Emetics or stomach pump; injections per anum; strychnia hypodermatically; stimulants.

**Zinc Salts.**—Stomach pump or free emesis; mucilaginous drinks, with milk and albumen; infusions containing tannic acid; whites of eggs; opiates if necessary.

**Veratrum.**—Emetics; stimulants, with opiates; strychnia hypodermatically.

**Venomous Bites and Stings.**—Immediately cauterize; excision of injured part; ligature above wound; brandy or whisky freely; carbonate of ammonia internally. For stings of insects apply ammonia or lime water.

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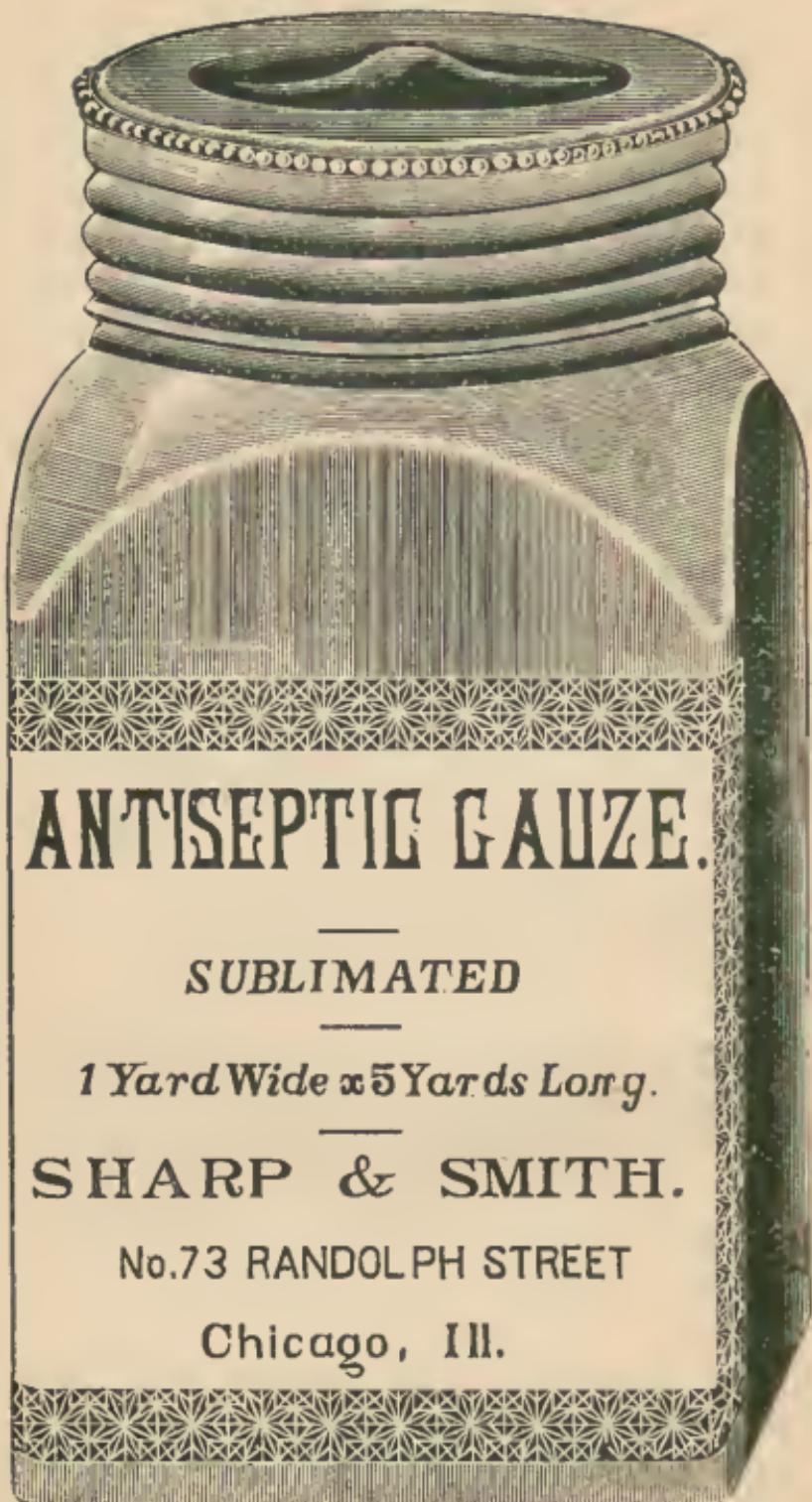
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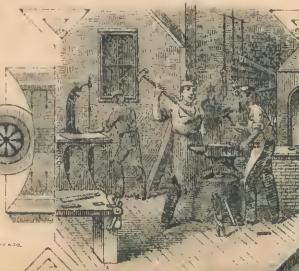
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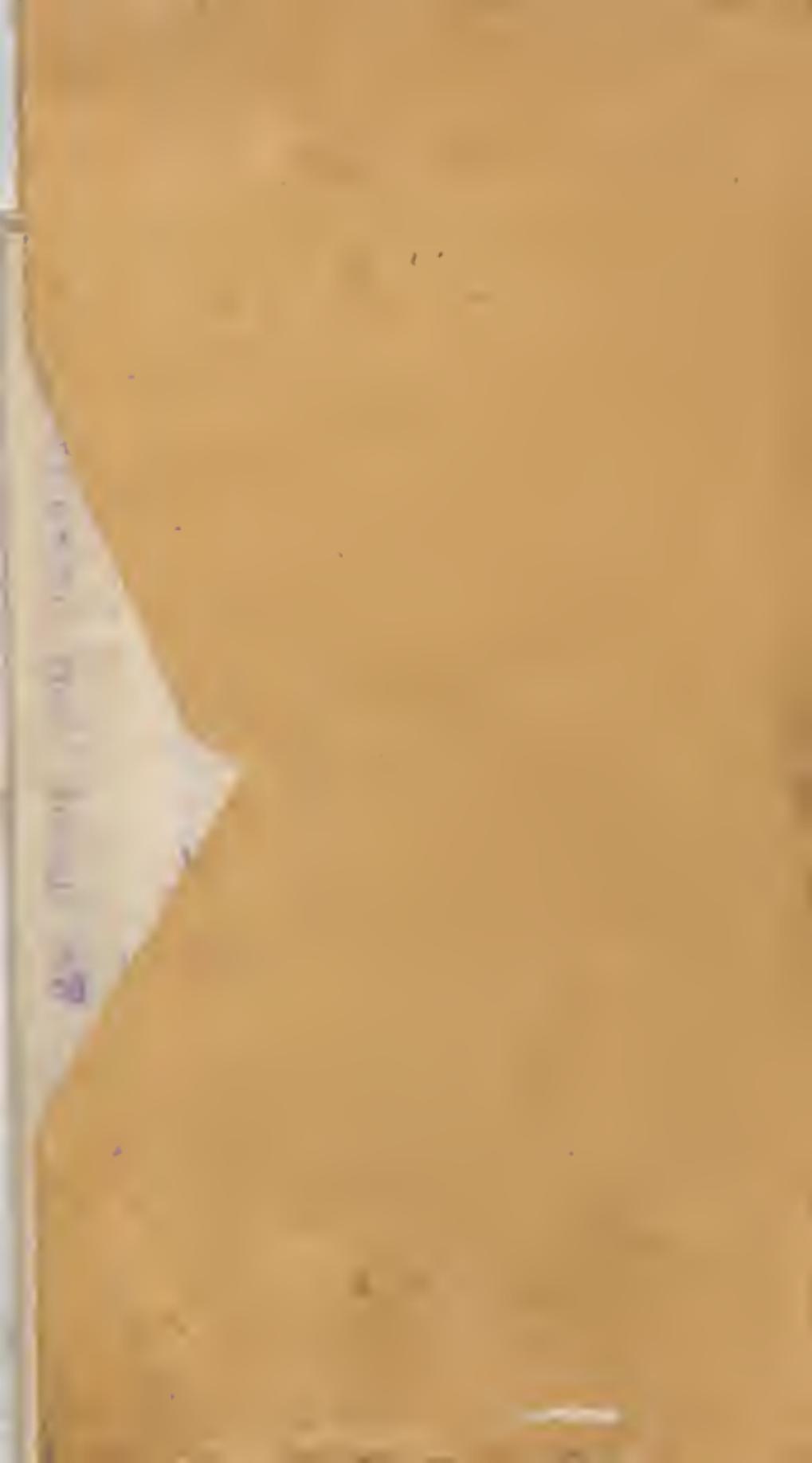
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